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Catalogue and Announcements

1921 and 1922

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Bethany College Bulletin

1921 and 1922

BETHANY COLLEGE

Founded 1841

BETHANY, WEST VIRGINIA

Published by Bethany College, Bethany, West Virginia
May, 1921

FALL TERM, 1921

September 20—Tuesday—Fall Term Matriculation Day.
September 20—Tuesday—Entrance Examinations.
September 21—Wednesday—Recitations Begin.
October 8—Saturday—Home Coming.
November 2—Tuesday—Mid-Term Reports.
November 24—Thursday—Thanksgiving Holiday (Three days).
December 20-21 — Tuesday and Wednesday — Fall Term Examinations.
December 21—Wednesday—Holiday Recess Begins.

WINTER TERM, 1922

January 3—Tuesday—Matriculation Day for Winter Term.
January 4—Wednesday—Recitation Begin.
February 9—Thursday—Mid-Term Reports.
February 22—Wednesday—Washington's Birthday.
March 23-24—Friday and Saturday—Winter Term Examinations.

SPRING TERM, 1922

March 28—Tuesday—Matriculation Day for Spring Term.
March 29—Recitations Begin.
May 5—Thursday—Mid-Term Reports.
June 10-12—Saturday and Monday—Spring Term Examinations.
June 11—Sunday, 11 o'clock A.M.—Baccalaureate Sermon.
June 13—Tuesday, 2 P.M.—Annual Meeting Board of Trustees.
June 13—Tuesday, 2 P.M.—Class Day.
June 14—Wednesday, 8 o'clock P.M.—Concert of Music Department.
June 15—Thursday—Annual Commencement.

Special Spring Term

April 22—Saturday.....Registration of Students
June 16—Thursday.....Special Spring Term Ends

Summer School

June 19—Monday.....Registration of Students
June 20—Tuesday..... .....Recitations Begin
July 29—Saturday.....Close of Summer School

OFFICERS OF ADMINISTRATION

Cloyd Goodnight, A.M., D.D., *President.*

Wilbur Haverfield Cramblet, A.M., Ph.D., *Treasurer.*

Miletus Vespasian Danford, A.B., *Bursar.*

J. Walter Carpenter, A.M., B.D., *Registrar.*

Isabel F. Starbuck, B.S., *Librarian.*

Emma Russell, *Matron of Phillips Hall.*

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BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1923

E. L. Welshimer---*Canton, Ohio*
Hon. William H. Graham---*Pittsburgh, Pa.*
Hon. Oliver S. Marshall---*New Cumberland, W. Va.*
Campbell Jobes---*Wheeling, W. Va.*
Samuel George---*Wellsburg, W. Va.*
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W. D. Turner---*Cleveland, Ohio*
W. F. Frederick---*Uniontown, Pa.*
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TERM EXPIRES JUNE, 1921

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Earl Wilfly, LL.D.---*Washington, D. C.*
Oliver C. Vodrey---*East Liverpool, Ohio*
Wylie W. Beall---*Wellsburg, W. Va.*
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R. A. Balderson---*Pittsburgh, Pa.*

TERM EXPIRES JUNE, 1922

J. E. Curtis---*Lexington, Ky.*
Hon. M. M. Cochran, LL.D.---*Uniontown, Pa.*
Frank H. Main---*Philadelphia, Pa.*
JZdge L. T. Farr---*Lisbon, Ohio*
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Judge R. M. Addleman---*Wheeling, W. Va.*

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Thomas W. Phillips, Jr.	Wylie W. Beall
Hon. William H. Graham	W. D. Turner
A. E. McBee	Ben Johnson
Sam J. Reno, Jr.	R. M. Addleman

OFFICERS OF THE BOARD

Cloyd Goodnight, *President*

W. H. Cramblet, *Treasurer* M. V. Danford, *Secretary*

NAMES OF FACULTY

Cloyd Goodnight, A.M., D.D., *President, and Professor of Church History.*
Butler College, University of Chicago, University of Pittsburgh.

Jean Corrodi Moos, A.M., Mus.D., *Director of Department of Music and Professor of Piano, Pipe Organ and Theory.*
College of Music, Zurich; Royal Conservatory of Music, Leipsic; Columbia University.

Anna Ruth Bourne, A.M., *Professor of English.*
King's College, London; Oxford University, Bethany College, Columbia University.

Albert Clinton Workman, A.M., M.S., *Professor of Chemistry.*
Ohio University, Hiram College, University of Wisconsin, Ohio State University.

Ebenezer Lee Perry, A.M., *Professor of Latin.*
Bethany College, Yale University, Columbia University.

Frank Roy Gay, A.M., *Professor of Greek Language and Literature.*
Drake University, University of Virginia, University of Chicago.

Henry Newton Miller, A.M., *Moninger Professor of Bible School of Pedagogy.*
Bethany College, Yale University.

Wilbur Haverfield Cramblet, A.M., Ph.D., *Professor of Mathematics.*
Bethany College, Yale University.

Hall Laurie Calhoun, B.D., Ph.D., *T. W. Phillips Professor of Old Testament Language and Literature.*
Kentucky University and College of the Bible, Yale University, Harvard University.

James Walter Carpenter, A.M., B.D., *Professor of New Testament and Christian Doctrine.*
College of the Bible, Butler College, Yale University.

Jessie Elizabeth Acker, B.S., *Assistant Professor of Home Economics.*
University of Kentucky.

Andrew Leitch, A.M., Ph.D., *Sarah B. Cochran Professor of Philosophy.*
Butler College, Yale University.

————, *Assistant Professor of Vocal Music and Art.*

Isabel Fairchild Starbuck, B.S., *Librarian.*
Simmons' College, School of Library Science, Boston.

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Penn State, Yale University, Clark University, Columbia University, Kansas City University.

William Kirk Woolery, M.A., *Assistant Professor of History and Economics.*
Bethany College, University of California, Johns Hopkins University.

————————, *Professor of Physics.*

————————, *Professor of Modern Languages.*

Bernal Robinson Weimer, A.M., *Professor of Biology.*
University of West Virginia.

Goldia Butzer, A.B., *Professor of Physical Education for Young Women.*
University of Illinois.

Thomas Howes, B.S.A., *Assistant Professor of Agriculture.*
Bethany College, University of Illinois.

————————, *Director of Physical Education for Men.*

Sarah Ashby, A.M., *Assistant Professor of English.*
University of Wisconsin.

Francis Marion Rast, M.S., *Professor of Agriculture.*
Clemson College, University of Wisconsin.

Virginia Moos, Mus.B., *Instructor in Piano Music.*
Bethany College.

Harry Buland, *Athletic Coach.*

Irvin T. Green, B.D., M.A., *Assistant Professor of Biblical Doctrine.*
Transylvania College, Bethany College, University of Chhicago.

Ralph Winfield Garrett, M.A., *Assistant Professor of History.*
Milligan College, Columbia University.

————————, *Assistant Professor of Chemistry.*

Mrs. Emma Russoll, *Matron of Phillips Hall.*

Jeooie Steindorf, *Instructor in Art.*

FACULTY COMMITTEES

Committee on Credectials—W. Kirk Woolery, F. R. Gay, Goldia Butzer.

Committee on Student Publications—Anna R. Bourne, W. Kirk Woolery, Sarah Ashby.

Committee on Entertainments—H. Newton Miller, Goldia Butzer, Bernal R. Weimer, F. M. Rast.

Committee on Library—H. L. Calhoun, Anna R. Bourne, Andrew Leitch.

***Committee on Graduate Work*- A. C. Workman, A. R. Bourne J. Walter Carpenter.**

Committee on Class Attendnace—W. H. Cramblet, E. Lee Perry, Irvin T. Green, Jessie Acker, Ralph W. Garrett.

***Committee on Athletics*,- H. M. Buland, W. H. Cramblet, A .C. Workman, J. Allen Hunter.**

Committee on Registration—J. Walter Carpenter, A. C. Workman, Andrew Leitch, J. Allen Hunter, Jessie Acker.

FACTS ABOUT BETHANY COLLEGE

Buffalo Seminary, the fore runner of Bethany College was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell, of Wheeling, W. Va. Its first donation was a $1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1841.

LOCATION

The village of Bethany is situated in Brooke County, West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Trolley cars leave Wellsburg for Bethany every two hours from 7 A.M. until 11:15 P.M. Bethany, from the beginning, has been famed for its picturesque and inspiring scenery. The moral atmosphere is unusually healthful and stimulating. Situated near enough to Pittsburgh, Wheeling, Steubenville and Wellsburg to derive the advantages which the cities afford, our students are at the same time removed from many temptations that come with city life.

HOW TO REACH BETHANY

An interurban line operates cars every two hours between Bethany and Wellsburg. The first car leaves Bethany at 6 A M., and the last car reaches Bethany at 12 P.M.

These cars are equipped to carry freight, trunks, etc. At Wellsburg connections are made with the Traction lines for Wheeling, Steubenville and other Ohio River points. The Pan Handle Railroad (Pennsylvania Lines) reaches Wellsburg. Across the Ohio River at Wellsburg is Brilliant, situated on the Cleveland & Pittsburgh Railroad and the Steubenville and Mingo trolley line.

THE COLLEGE CAMPUS

The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. The well kept lawn, cement walks, tennis courts and fine entrance give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for the student which should not be overlooked. More than 4,000 shrubs and trees have been planted on the college grounds.

THE MAIN COLLEGE BUILDING

The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

THE E. W. OGLEBAY HALL OF AGRICULTURE

The Oglebay Hall of Agriculture, costing, with equipment, over $75,000, is used for the teaching of science and agriculture. The building contains chemical, physical, biological and agricultural laboratories, dark room, private laboratories for professors, a chemical store room, several class rooms and the offices of the President of the College and the director of the Department of Agriculture. The third floor of the building is used by the Department of Domestic Science. The building is of Tudor Gothic Archi-

tecture and harmonizes with the main college building. It is built of red brick with Berea sandstone trimmings.

THE IRVIN GYMNASIUM

This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20x40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's livingroom, lockers and track, in addition to the main gymnasium floor.

CARNEGIE LIBRARY BUILDING

This building is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. The building is 95 feet long and 62 feet wide. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains two reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

THE PERCY B. COCHRAN HALL

This new dormitory, donated to the college by Hon. M. M. Cochran of Uniontown, Pa., as a memorial to his son, Percy B. Cochran, was opened to receive students at the beginning of the fall of 1911. This building is four stories high. The first story is used for dining room, kitchens and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction, and is built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study

room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights, and all modern conveniences.

PHILLIPS HALL — FOR YOUNG LADIES

The college is indebted to the generosity of the late Hon. Thomas W. Phillips of New Castle, Pa., for this hall. It is a stately and commodious building, with all modern improvements, heated with steam, well ventilated, and altogether adapted to the needs and conveniences of young ladies. It has a capacity for sixty roomers and one hundred and forty boarders. The hall is under the care of a competent matron, who resides in this hall and has supervision of the building and all who reside therein. It is the earnest desire and constant endeavor to make Phillips Hall a pleasant and attractive home for young ladies.

THE COCHRAN CENTRAL HEATING PLANT

All the buildings of Bethany College, including the apartment houses, are heated from a central heating plant. Hon. M. M. Cochran of Uniontown, Pa., donated to the college $22,000, the amount necessary to construct this heating plant. Eight college buildings and two apartment houses are heated from this plant. With this central heating plant, all the college buildings are assured a bountiful supply of heat, even in zero weather. The coal mine is opened at the central heating station, so that coal from the grounds owned by the college is delivered by the miners direct to the storage room of the plant, without the labor of rehandling.

PENDLETON HEIGHTS

A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited for its intended purpose.

THE SORORITY HOUSE

This large red brick building is situated on Main Street. One of the Sororities is established here. The house is under the control of a competent matron and the same regulations are in force here as prevail at Phillips Hall.

APARTMENT HOUSES AND DWELLINGS

Through the generosity of M. M. Cochran of Uniontown, Pa., the college owns two apartment houses adapted to the needs of married students. Each apartment contains three rooms with bath and is fitted with electric lights and hot and cold water. The apartments are heated from the central heating plant. They rent for $150.00 for the school year and may be occupied until the first of September without extra charge.

In addition to these apartments, M.r Cochran's gift includes two dwellings, one of eight rooms and the other of ten. These form a group known as the

COCHRAN COTTAGES

The college owns ten other dwellings in different parts of the village of Bethany. Four new seven-room cottages have just been completed.

THE COLLEGE FARMS

The Alexander Campbell farm of 205 acres was donated by Hon. E. W. Oglebay to Bethany College to be used in teaching agriculture; thus allowing the college to carry out the program of its illustrious founder.

By a deed bearing date April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land belong to the college, making a total of 535 acres that are available for the use of the department of agriculture.

M. M. COCHRAN GENERAL ENDOWMENT

On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa., gave Bethany College $500,000.00 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has afforded great help on the expenses of the current year.

ENDOWMENT OF OFFICE AND CHAIR OF THE PRESIDENT OF BETHANY COLLEGE

Hon. M. M. Cochran of Uniontown, Pa., has given $100,000.00 as an endowment of the Office and Chair of the President of Bethany College.

MRS. SARAH B. COCHRAN CHAIR OF PHILOSOPHY

Mrs. Sarah B. Cochran of Dawson, Pa., has generously contributed $25,000.00 for the endowment of the Sarah B Cochran Chair of Philosophy.

THOMAS W. PHILLIPS BIBLE CHAIR

Hon. Thomas W. Phillips of New Castle, Pa., gave $30,000.00 to endow a chair in Bethany College to be known as the "Thomas W. Phillips Bible Chair."

HERBERT MONINGER MEMORIAL CHAIR OF BIBLE SCHOOL PEDAGOGY

Through the interests and generosity of many Bible Schools, churches and individuals a fund of $25,000.00 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

SCHOLARSHIPS

Twenty friends of Bethany have endowed scholarships in the college. Most of these are good for $30 per year. These scholarships are for the most part in the hands of the donors or their heirs. Seven of these have been put into the hands of the President of the college for assign ment. These scholarships are given to worthy young men who desire to prepare themselves for the Christian min istry.

Mr. E. W. Oglebay offers five scholarships of $100 each to students in agriculture.

PHILLIPS LOAN FUND

A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Application should be made to the President in writing. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year The fund now amounts to more than $12,000.

LIBRARY AND READING ROOM

During the past year many and marked changes have been made in the college library. The north reading room has been redecorated and furnished by the Merry Masquers with a new lighting system. The best periodicals come to the tables. These include some leading dailies and week lies as well as the monthly and quarterly magazines and journals.

The south reading room has been converted into a stack room and furnished with up-to-date steel stacks with

a capacity for 23,000 volumes. The old stack room has been converted into a reference room to be used by students doing definite reference assignments under the direction of the faculty.

New volumes are being added to the library each week. A definite appropriation has been secured making it possible to add from one to two thousand volumes each year. It is hoped that in a short time the college may have a splendid equipment along these lines. Friends are urged to make gifts for the benefit of the library.

MUSEUM

The Natural History Museum contains some of the Fauna, Birds and Mammals of this region, with a collection from Australia, and exchanges from other sections of the country.

LABORATORIES

Chemical Laboratory: — The chemical laboratory, chemical store room, balance room and the chemistry professor's private laboratory are situated on the second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. The department is equipped with modern apparatus for various kinds of chemical work.

Physics Laboratory: — The physics laboratory is on the first floor of Oglebay Hall and is well equipped with laboratory furniture and apparatus for demonstration and general experimental work.

Biological Laboratories: — The biological laboratories are situated on the second floor of Oglebay Hall of Agriculture. These laboratories are equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, entomology and bacteriology

Agricultural Laboratories: — The Oglebay Hall of Agriculture contains laboratories for various kinds of agricultural work.

ATHLETICS

It is the purpose of the Department of Physical Education in Bethany College to assist the students to keep the body in the best possibly condition. Aside from the obedience to the ordinary laws of hygiene and dietetics there must be physical activity of one kind or another for the attainment of success. Exercise, either in or out of doors, is not the end, but the means to an end which is the preparation for the "completest living." Many games with athletic clubs and college teams are staged during the year. All students are admitted to all of these games. The Athletic Board is made up as follows: Five members of the faculty, appointed by the President, and four members from the student body, chosen by the faculty. The President of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

ENROLLMENT

Students entering Bethany College enroll for work by first presenting their entrance credits to the Credentials Committee. This should be done by mail as soon in the summer as the student decides to enter the college. The student on or before his arrival at Bethany is apprized of his standing. On Matriculation Day he will receive from the Classification Committee an enrollment card.

Next the student reports to the Registrar, signs the Matriculation Book, and receives a matriculation number.

He then fills out his enrollment card (consulting his adviser if necessary) and submits it to the registrar for his stamp of approval.

The final step in the enrollment is the presentation of this card to the Bursar with whom a settlement must be made for the term's charges.

The instructor's cards will be distributed from the office. Class absences after enrollment count against the student's record.

Fees: — The matriculation and tuition fees must be paid invariably in advance. Every student using a scholarship must, when matriculating, present it or a copy of it to the Bursar.

No portion of a student's fees is refunded on account of withdrawal from college, unless his withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

Fees for Special Studies: — When a student obtains permission to pursue more than 15 hours of academic work he must pay $3.00 for each additional hour. No reduction will be made on these extra studies on any account whatever. Neither will scholarships be accepted in payment for such studies.

Fee for Deferred Matriculation: — Students in attendance during any term must matriculate on the opening day of the following term, if they desire to continue their work. Two dollars is charged for each day of delay in matriculating. This rule applies only to the opening of the Winter and Spring terms, and does not relate to students entering for their first term.

Payment of Accounts: — All accounts with the college must be paid in full before students are admitted to the final examinations, at the end of each term.

Examinations: — All students are required to take the examinations that come during the last week of each term, and those who make D or over as an average grade for the term's work, including the examination, are passed. A second examination may be taken within thirty days.

Teachers will in no case depart from the schedule time of tests except by special vote of the Faculty.

Special Examinations: — Where a student fails in his examination he may have a second trial within thirty days by arranging with the professor in charge and paying a fee of $1.00. When a student is absent from an examination, for any cause, he may have a special examination by paying a fee of $2.00. These fees are to be paid at the college office before the examination is taken.

Entrance Examinations: — Students desiring examinations for college entrance will be given opportunity to take them without charge on the Fall Term Matriculation Day. If taken at any other time permission must first be secured at the College office and the regular fee of Two Dollars for Special Examinations must be paid.

Engaging Rooms in Advance: — Students engaging rooms in any of the dormitories for the college year are required to pay $5.00 in advance, not later than September 1st. Rooms will not be held after this date without this advance payment. This payment will be credited on room and deducted when full payment is made for the year or term. This advance payment will not be refunded after September 1st.

Reports: — At the end of each term (or oftener, if requested), a report is sent by the Faculty to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to communicate, or as the parent or guardian may especially request.

Number of Studies: — A student must carry at least 15 hours of work, unless, for some good reason, the Faculty allows him a less number. No reduction in tuition is made to those who pursue fewer than 15 hours of academic work. No student is allowed to carry more

than 15 hours of academic work unless he has no grade below C and 12 hours B or above for preceding term. In no case will a student be allowed to carry over 18 hours.

Class and Chapel Attendance:—Students are required to attend every session of the classes in which they are enrolled, and also the daily Chapel exercises.

THE PROBATION SYSTEM

A student on probation is allowed no cuts from any class or from chapel and is to be excluded from all college activities save class attendance while on probation. In case a student on probation is absent from any class such student will be excluded from the class by the instructor and may be readmitted to it on the written approval of the cause of the absence by the President or such person as he may appoint to act in this matter in his absence from time to time. If absence is not approved, a student may be readmitted on recommendation of the President and sanction of the instructor, in which case the term grade will be lowered one group by the registration committee. Students will be placed on probation for the following causes:

1. Students who have not passed in 12 hours' work in any term will be placed on probation for the following term. In case the probation is the result of incomplete work the probation may be removed if the course is satisfactorily completed within 30 days.

2. Students who appear by the record at mid-term to be in danger of not passing in at least 12 hours work will be placed on probation for the remainder of the term. In case the probation is the result of incomplete work and the student is able to remove the condition within one week, the penalty may be suspended.

3. Students who have exceeded the allowed number of cuts in any class without offering excuses that have been approved by the atttendance committee will be placed on probation for the remainder of the term and the term grade lowered one group by the registration committee.

Students on probation for the third cause, if readmitted to class, will have their term grade lowered one group by the registration committee for each absence in excess of the allowed number.

4. Students who have used up the allowed number of cuts from chapel without offering excuses that have been approved by the attendance committee will be placed on probation for the remainder of the term.

Students on probation for the 4th cause will have each term grade lowered one group for each and every chapel absence in excess of six.

Unexcused chapel cuts in excess of nine result in suspension from the college.

CUTS

To take care of necessary absences the faculty will allow two cuts in two and three hour courses and three cuts in four hour courses.

Students to be allowed six cuts a term for chapel.

The following special cases are recognized:

(1.) Prolonged sickness. (At least one week.)

(2.) Interscholastic absences, approved by the Faculty in advance, will not count as cuts. The necessary absences must be reported to the Attendance Committee in time for their action, by the director of intercholastic activity under consideration.

(3.) Absences of ministerial students on Saturdays and at other times when such absence is necessary in the opinion of the President of the College and the professors in charge will not count as cuts.

(4.) Absences of agricultural students on necessary agricultural business, approved by the President of the College and the head of the Department of Agriculture, will not count as cuts.

GENERAL REGULATIONS

1. If, after the allowed number of cuts are taken, a student is absent for any cause satisfactory excuses must

be offered for all previous absences in order to avoid the penalty set forth above.

2. Excuses to be considered must be filed by Friday of the week the student returns to school.

3. Three tardies count one cut.

4. Absences before and after a vacation period to count double.

5. All absences at the beginning of the second and third terms to be counted and reported.

Student Meetings: — No literary society, club, association, or any other meeting or organization of students may be formed, called or attended without consent of the President or Committee on Student Organizations.

Student Conduct and Discipline: — It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw him from the college.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, &c: — The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights.

Failures: — Students failing to make passing grades in 50% of their studies for any term, may secure provisional enrollment for the next term. But if failure to pass recurs

such students will be refused further enrollment except by action of the faculty.

RULES GOVERNING THE FRATERNITIES AND SORORITIES

I. No new student shall be invited or pledged to any fraternity or sorority earlier than Friday, November 5th.

II. No student shall be pledged to any fraternity or sorority more than one year in advance of initiation.

III. Students shall not be initiated into any fraternity or sorority until they have presented fifteen High School units and have fifteen hours of resident collegiate work credited on the college books.

IV. No student shall room in a fraternity or club house until he has been in residence at the college one full year and earned at least forty-eight hours' credit, unless by special permission of the Faculty.

V. The pledges of all fraternities, sororities, and clubs must be selected from a list of eligibles obtainable at the college office on Thursday, Nov. 4th. The name of no student will appear on this list whose credentials are not in the hands of the Registrar at least three days before said lists are due. The name of no student will appear on this list whose average grade at the mid-term is below C or whose lowest grade is below D at this time.

STUDENT COUNCIL

Arrangements have been perfected whereby a book store is maintained in the college. By this plan we are able to provide books for our students at a minimum cost. Students who desire to sell their old text-books or trade them for other text-books will be accommodated in the book store. The book store does a strictly cash business. No credit is given to any one. This rule is invariable.

THE RELIGIOUS LIFE OF THE COLLEGE

It is the aim of the management to cultivate and develop the religious nature of the student; to create and

maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization.

Daily chapel services are held at 10 o'clock each morning. Attendance is obligatory upon all students. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian. A Young Men's Christian Association and a Young Women's Christian Association maintain regular meetings entirely in charge of the students. A student volunteer band keeps the missionary spirit alive in the college.

STUDENT ACTIVITIES

Student Publications:—The students publish the Bethany Collegian, a bi-weekly devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly; it is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called The Bethanian is issued under the more direct supervision of the Senior Class.

Literary Societies: — There are in connection with the college two societies devoted to the cultivation of literary composition and oratory — the Neotrophian and the Adelphian. Every student of the college is urged to become a member of one of these societies.

Oratorical Association: — Bethany holds membership in two oratorical associations — the Interstate, including colleges of Western Pennsylvania, Eastern Ohio and Bethany in West Virginia. The college is also a member of the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the selection of its representatives in these intercollegiate contests.

Debating Contests: — Each year teams from Bethany College meet teams from near-by colleges. This intercollegiate debating affords the best of opportunities for student development.

The Y. M. C. A. and Y. W. C. A. have each a large and active membership among the students and are doing good work. A large, well-lighted room in the new Library building has been set aside for the use of the Christian associations.

Y. M. C. A. Lecture Course: — A course of popular lectures is given each year under the auspices of this association, affording the students the benefit of some of the best platform talent of the country. Interesting and instructive lectures are given by prominent men from time to time, in addition to the regular lecture course.

Mission Band: — There is in the college a flourishing Volunteer Mission Band, which is a strong factor in developing the missionary spirit. College credit will be given for work done in the study of missions, if the work is properly supervised.

Ministerial Association: — This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternities: — The following Greek letter fraternities are represented at Bethany: — For men, Beta Theta Pi, Kappa Alpha, Sigma Nu and Tau Kappa Alpha; for women, Alpha Xi Delta, Zeta Tau Alpha, and Phil Lamba Chi.

Agricultural Club: — The students in the Agricultural Department have an organization known as the Agricultural Club. Semi-monthly meetings are held at which current problems and practical farm topics are discussed.

OPPORTUNITIES FOR SELF HELP

WORK FOR STUDENTS

With the inauguration of the Agricultural Department, Bethany is able to offer unsurpassed advantages to young men who desire to assist themselves through college by work. The farm work and other work about the college affords opportunities to a number of young men who are in earnest and are willing to work to obtain an education. Students desiring information concerning the opportunities offered for self-help should address the President for full particulars.

STUDENT PREACHING

Ministerial students are frequently called to fill pulpits within reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

FEES AND EXPENSES

Matriculation Fees: — All students in all departments are required to pay a matriculation fee of $5.00 per year. Scholarships are not accepted for matriculation fee. In all cases this must be paid upon entering any college session.

Tuition: — Each student in the college is required to pay a tuition fee of $30.00 per term. This entitles the student to registration for fifteen hours of academic class work. No reduction is made for students who enroll for less than fifteen hours. Registration in excess of fifteen hours will be charged for at the rate of three dollars per hour.

Room Rent:—Rooms in Phillips Hall for young ladies rent for $1.25 to $1.75 per week. This rate supposes that each room has two occupants. For those choosing to room alone the room-rent will be double this price. Each student is expected to bring comforts, blankets, sheets, pillows, pillow-cases, towels, napkins and napkin-ring.

It is not expected that young ladies in attendance as students will board elsewhere in the village, unless under the expressed approval of their parents or guardians, with the concurrence of the President.

Young ladies intending to enter the college and desiring rooms in Phillips Hall should write the President as soon as a decision is reached. This will insure the reservation of rooms at the prices desired.

Rooms in the Sorority House rent for $1.75 per week for each young lady. Those who room in sorority houses are subject to the same regulations as those who room in Phillips Hall.

Rooms in Cochran Hall for young men rent for $60.00 per year where two occupy a suite. There are some single rooms in this dormitory for those who desire to room alone. These rooms rent for $18.00 per term.

Rooms in Norman A. Phillips Dormitory for young men rent for $10.00 per term where two occupy the same room.

In both Cochran Hall and the Norman A. Phillips Dormitory, young men will furnish their own sheets, pillow-cases, pillows, bed-spreads, blankets and towels, and will care for their rooms. Students who room in either of these dormitories may take their meals where they like, but will have preference over the young men who room in the village in securing meals at Phillips Hall, should the dining room at the Hall at any time be overcrowded. Those who expect to room in either dormitory should write and engage rooms as early as possible.

It is recommended that students desiring to room in any of the college dormitories engage their rooms in advance. In order to do this, an advance payment of $5.00 must be made not later than September 1st. This payment will be credited on room rent. In no case will this

advance payment be refunded. A breakage deposit of $3.00 is required of each student rooming in a college dormitory as a guarantee for the room and furniture. This is refunded when the room is vacated, if everything is in proper condition. The Faculty reserves the right to collect damage beyond this amount in cases of extreme negligence.

Board: — The charge for meals in Phillips Hall is $4.75 per week. Young ladies are expected to board here unless given permission by the President to board elsewhere. Young men may take meals in this hall, if they desire.

Board in Cochran Hall is $5.50 per week. A number of young ladies are given special permission to board in this hall.

A number of clubs are conducted in the village by young men and in these board ranges from $4.00 to $6.00 per week.

SUMMARY OF FEES AND EXPENSES

Matriculation, per year	$ 5.00	
Tuition per term, not exceeding 15 academic hours per week, $30.00, per year	90.00	
Room rent, $10.00 to $20.00 per term, per year	30.00	to $ 60.00
Table board, $4.75 per week for 37 weeks	175.00	
Cost per year	$300.75	$330.75

This does not include books and washing.

The expenses are payable as follows: Tuition fees and room rent in advance; board at the end of each two weeks or a month.

When tuition, matriculation fees and room rent are not paid before the end of the first two weeks of each term, 10% is added to the charge for these items.

SPECIAL FEES

Advanced Physics	$ 2.00	per term
Biology	2.00	" "
Advanced Botany or Zoology	2.00	" "
Chemistry, 11, 32, and 33	4.00	" "
Chemistry, 31 and 51	5.00	" "
Chemistry, 52	7.00	" "
Surveying	2.00	" "
Each extra hour above fifteen	2.00	" "
Agriculture 31, 32, 33, 52, 53, 54	2.00	" "
Breakage deposit (roomer in any Dormitory)	3.00	" "
Diploma in all Courses	10.00	
Matriculation	5.00	" year
General Agriculture	1.00	' term
Special Examination	$1.00 to 2.00	" "
Entrance Examinations (except first week of term)	2.00	" "
Change of Registration after Registration Day	1.00	
Late Matriculation per day	2.00	
Music Student for literary study per hour	3.00	per term

STATE RECOGNITION

The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach in the public schools of these states without taking the usual teachers' examination if they pursue proper subjects in Education.

THE GRADING SYSTEM

The grades of the College are reported by groups and represented by a letter set before the definition of each group.

A Excellent. The letter A to be used to denote work of unusual merit and ability together with conscientious effort at all times.

B Good. The letter B to be used to denote work that is distinctly above the average. An appreciation and grasp of the subject that is very satisfactory.

C Medium or Average. The letter C to be used to denote work such as is done by the majority of the students.

D Inferior. The letter D denotes work below the average, a lack of interest or of ability to grasp the subject in a sufficient degree to be recommended for further work in the department.

Inc. Incomplete or Conditioned. The abbreviation Inc. denotes incomplete or conditioned work, made so through sickness or other cause, and where an opportunity will be given for the work to be made up.

Conditions must be removed at direction of professor in one of three ways:

(1) Re-Examination.

(2) Completing additional work.

(3) Doing much better work in same subject the following term.

Failure to do so will result in having the grade recorded finally as of the group below with grade of F.

F Failure. The letter F denotes work that is definitely unsatisfactory. Additional work in this department forbidden until this course has been taken over.

A course in which a student fails must be taken over at the first opportunity.

No student will be allowed to carry more than 15 hours of academic work in any term unless all work for the preceding term is represented by C or above and 12 hours are represented by B or above. In no case are students to carry over 18 hours.

ENTRANCE AND DEGREES

Bethany College offers courses leading to the degrees Bachelor of Arts and Bachelor of Science. Graduate work is also offered leading to the degree of Master of Arts.

TERMS OF ADMISSION

Graduates of accredited High Schools offering a four year course may be admitted to the Freshman class without examination. Such students should present certificates stating the work accomplished, the grade attained, the text-books used and the time devoted to each study. Blanks for this purpose may be filled out and signed by the principal of the high school where the work was taken. These certificates should be presented before or at the time of matriculation. They must be in the hands of the credentials committee not later than the third week of the term of entrance.

Students may be admitted to Freshman standing in the college upon examination at the college. Arrangements should be made to take such examinations before matriculation.

Students from other colleges where the curriculum is substantially similar to that offered in this college may be admitted, ad eundem, upon presentation of a certificate that they were in good and regular standing.

Mature men and women may be admitted as special students to such courses as they are prepared to pursue. Such students are not classified and are not given college credit for work done.

ENTRANCE REQUIREMENTS

Candidates who have completed a four year high school course and offer at the opening of the college year 15 units in accordance with the following conditions will

receive freshman rank. Of the 15 units required for entrance 9 are prescribed as follows:

English	3 units
Mathematics	2 "
Foreign Languages (two in same language)	3 "
History	1 "
Science*	1 "

*The unit in science should be a laboratory science taken in the last two years of the high school course.

A student offering 15 units, but lacking one or more of the units prescribed for entrance may still be enrolled as a freshman, but such student will be required, in addition to the number of hours of required work offered for a degree, to elect in the college for each unit lacking, six hours of work in the same department and these hours will reduce the number of the student's electives in the college. Only 4 units of vocational credit earned in the high school will be accepted.

DEFINITION OF A UNIT

Four (4) recitation hours a week for one year is the unit of work for entrance requirements and five (5) periods a week of 45 minutes each will be accepted as an equivalent.

No credit upon certificate will be allowed on any subject for work done below the ninth grade.

The extent and character of the work that will be accepted in each subject is as follows:

ENGLISH

1. Rhetoric and Composition. Two units.
2. Literature and Classics. Two units.

MATHEMATICS

1. Algebra. One and one-half units.
2. Geometry, Plane and Solid. One and one-half units.
3. Trigonometry. One-half unit.

LATIN

1. Latin lessons with careful drills, forms of declension and conjugation, and the rules of syntax. One unit.
2. Four books of Caesar's Gallic Wars, accompanied by Latin Prose. Composition one period a week. One unit.
3. Six orations of Cicero, including the Manilian Law, or six orations and Sallust's Catiline. One unit.
4. Six books of Virgil. One unit.

GREEK

1. Grammar. One unit.
2. Anabasis Books I, II, III and IV. One unit.
3. Herodotus. One unit.

MODERN LANGUAGES

1. German. Three units.
2. French. Three units.
3. Spanish. Three units.

HISTORY

1. Ancient History. One unit.
2. English History. One unit
3. Medieval History. One unit.
4. United States History. One unit.
5. Civics. One-half unit.

A real equivalent may be presented in place of the above.

SCIENCE

1. General Science. One unit.
2. Elementary Biology. One unit.
3. Elementary Physics. One unit.
4. Chemistry. One unit.

In Biology, Physics and Chemistry laboratory work suitable in quantity and quality is required. Notebooks showing work done must be presented at time of entering college.

VOCATIONAL SUBJECTS

1. Elements of Agriculture. One unit.
2. Home Economics. Two units.
3. Stenography and Typewriting. One unit.
4. Bookkeeping. One unit.
5. Commercial Arithmetic. One-half unit.
6. Commercial Law. One-half unit.
7. Commercial Geography. One-half unit.
8. Manual Training. Two units.

The Credentials Committee may, after investigating each claim, grant a total credit in subjects from 2-8, inclusive, of not to exceed four units.

GRADUATION AND DEGREES

Candidates for the Bachelor's degree must have completed all the work required in courses leading to the desired degree with an actual attendance in the college during at least the senior year.

REQUIREMENTS FOR GRADUATION

Candidates for a baccalaureate degree are required to present 186 term hours of college work of which not to exceed six hours may be offered in Physical Education, in addition to the 15 units required for entrance. A term

hour means one recitation a week or its equivalent. Required work for the baccalaureate degrees are as follows:

For the A.B. degree:

English	18 hours
Chemistry, Biology, Mathematics, or Physics	24 "
Foreign Language	21 "
(Note: In case a student offers two units in a foreign language for entrance, 18 hours of the same language in college will satisfy this requirement.)	
History or Social Science	18 "
Philosophy, Psychology, Education.	18 "
Bible	9 "
Physical Education	6 "

For the B.S. degree:

English	18 "
Foreign Language	21 "
(Note: Same as for A.B. degree.)	
History or Social Science	9 "
Science and Mathematics	60 "
Philosophy, Psychology, Education.	9 "
Physical Education	6 "
Bible	9 "

Candidates for a degree must earn at least 180 quality points which are awarded as follows:

For a grade of A, 3 quality points for each hour of academic credit.

For a grade of B, 2 quality points for each hour of academic credit.

For a grade of C, 1 quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student applies for a degree or asks for a transfer of credit will lessen the number of the applicant's quality points one

for each hour represented by the course in which the failure is recorded.

Students are required to choose a major and a minor subject not later than the beginning of the sophomore year. Forty term hours of work are required for a major and twenty term hours for a minor. Subjects are grouped as follows for the purpose of determining majors and minors.

I. English
II. Foreign Language (Greek, Latin, French, Spanish, German).
III. History, Economics, Sociology, Political Science.
IV. Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.
V. Philosophy, Psychology, Education.
VI. Biblical Literature and Hebrew.
VII. Physical Education.
VIII. Music, Art, Public Speaking.

Students selecting a major from group I must select a minor in II, III or V. Students selecting a major from groups II, III or V must select a minor in I, II, III or V. Students selecting a major from IV must select a minor in IV or V.

The following courses when taken by students who are credited with 90 term hours will have only three-fourths value for credit: English 11, Biology 11, Chemistry 11, Greek 11, Latin 11 and 12, Mathematics 11 and 12, French 11, German 11, Spanish 11, Agriculture 11, Home Economics 11 and 15, Education 11, 12, 13, 14, and 15. New Testament 11, Old Testament 11, 12, and 13.

REQUIREMENTS FOR THE MASTER'S DEGREE

Candidates for the degree of Master of Arts must first have received the Bachelor's degree and thereafter do two years of residence work at the college, which work must

be of graduate rank. The graduate work is to be an extension of the work done as a major for the baccalaureate degree. In addition, an acceptable thesis along the line of the major graduate work is required. In addition to the usual written examinations an oral examination is required of the applicant at the end of the course. Candidates for the degree of Master of Arts should have a reading knowledge of at least one foreign language.

COURSES OF INSTRUCTION

Meaning of Number of Courses:

Courses numbered from 10 to 30 are for Freshmen.

Courses numbered from 31 to 50 are for Sophomores.

Courses numbered from 51 to 70 are for Juniors and Seniors.

Courses numbered from 71 to 100 are graduate courses open to Juniors and Seniors.

Courses numbered 100 or over are for graduate students only.

The letter (a) after a number indicates that the course is given in the Fall term, the letter (b) indicates Winter term, and the letter (c) indicates Spring term.

DEPARTMENT OF AGRICULTURE AND HOME ECONOMICS

Professor Rast
Assistant Professor Acker
Assistant Professor Howes
Miss Dorsey

Extract from an article by Alexander Campbell on the "New Institution," a prospectus of Bethany College. From the Millennial Harbinger of 1840 — p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course.'

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to begin the realization of the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable. Unless this can be done intelligent and ambitious men with good training cannot be expected to remain on he farm.

While the economic motive is powerful, it is not the sole motive in determining an intelligent man's choice of his life work. This department hopes to inspire its students with a love of nature and to show them the opportunities for wholesome family life and development on the farm that will help to overcome the many attractions which have been drawing to the city those who by natural ability and training are best fitted for intelligent work and leadership in the country.

Equipment and Method of Work:—The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by this department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work, and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

Agriculture 11a. Soils and Crops. An introductory course in crop production, intended to acquaint the student with the fundamentals of modern agriculture. This course, together with the courses in Farm Animals, and Rural Economics, constitutes a gnereal course in agriculture running throughout the year. These three courses make the most desirable electives for normal and other college students desiring to acquaint themselves in a general way with modern agricultural development.

Recitations T., W., Th., 11:30. Laboratory S., 10 to 12. Four hours credit. Asst. Prof. Howes.

Agriculture 11b. Rural Economics. A study of the general economic principles and history of agriculture, agricultural production and management, and agricultural organizations and social conditions.

Recitations T., W., Th., S., 11:30. Four hours credit. Asst. Prof. Howes

Agriculture 11c. Farm Animals. An introductory course in Animal Husbandry designed to acquaint the student with principles, types and breeds of farm animals, their practical feeding and management as well as elementary judging.

Hours and credit same as 11a. Asst. Prof. Howes.

Agriculture 52a. Hortriculture (Orcharding). This course deals with the fundamental problems of fruit growing, with special reference to the home or farm orchard. The problems of soil, location, propagation.

pruning, spraying, cultivating, harvesting, storing and marketing, are considered.

Prerequisites, Agriculture 11abc. Biology 11abc or enrollment in same.

Recitations T., W., F., 9:00. Laboratory S., 8:00 to 10:00. Four hours credit. Asst. Prof. Howes.

Agriculture 52b. Horticulture (Small Fruits). This is a continuation of 52a and takes up extensively the growing of grapes, bush fruits and strawberries.

Prerequisites, hours and credit same as 52a.

Asst. Prof. Howes.

Agriculture 52c. Horticulture (Vegetable Gardening). This is a continuaion of 52b, and, in addition to the general problems of the home and market gardens, deals specific ally with each of the garden vegetables.

Prerequisites, hours and credits same as 52ab.

Asst. Prof. Howes.

Agriculture 33abc. Rural Engineering. Recitations and laboratory work dealing with the construction of farm buildings, fences, roads, drains, machinery, engines, motors, and tractors. The problems of adjustment, repair and operation of farm machines are given special consideration.

Prerequisites, Agricultural 11abc, Elementary Physics or Physics 31abc.

Recitations T., F., 2:30. Laboratory W., 1:30 to 3:30. Three hours credit. Asst. Prof. Howes.

Agriculture 32abc. Agronomy. A study of the history, adaptation, breeding, classification and distribution of the cereal and forage crops, and the cultivation, harvesting and marketing of same The field laboratory work will include the inspection and testing of field seeds, judging of small grains and corn, and actual work on the farm in connection with crop production and field experiments.

Prerequisites, Agriculture 11abc, Chemistry 11abc, and Biology 11abc. Four hours credit. T., W., F., 8:00. Laboratory Th., 8-10. Asst. Prof. Howes.

Agriculture 55a. Market Dairying. A course dealing

with the theory and practice of handling and marketing of dairy products. Enrollment in this course will require direct connection with the dairy department of the Bethany College Farm, either previously or during the term in which the course is taken.

Prerequisites, Agriculture 11abc, Chemistry 11abc, Biology 11abc. Recitations T., Th., 10:30. Laboratory to be arranged. Four hours credit. Asst. Prof. Howes

Agriculture 55b. Co-operation in Agriculture. A course designed for junior and senior students who are interested in Agricultural Co-operative Organization, either as farmers in the home community, County or Farm Bureau Agents, organizers, managers, or teachers of agriculture.

(Not offered 1921-1922.)

Agriculture 31a. Feeds and Feeding. A study of the general principles of animal nutrition, the common feeds methods of compounding rations and practical feeding.

Prerequisite, Agriculture 11abc.

Recitations T., Th., 10:30. Laboratory W., F., 10:30-12:30. Four hours credit. Professor Rast.

Agriculture 31b. Animal Breeding. A study of the principles and problems in breeding farm animals and the proper management of pure bred stock.

Prerequisite, Agriculture 11abc. Hours and credit same as Agriculture 31a. Professor Rast.

Agriculture 31c. Principles of Dairiyng. A general survey of the dairy industry. Special attention given to the composition and management of dairy products.

Prerequisite, Agriculture 11abc. Hours of credit same as Agriculture 31a. Professor Rast

Agriculture 51a. Farm Management. Recitations and laboratory work upon the problems of farm management and their effect upon maintaining the fertility of the soil The business of farming from the standpoint of the individual is studied.

Open only to Senior Agricultural students. T., W., Th., F., 2:30. Four hours credit. Professor Rast.

Agriculture 51b. Farm Management and Agricultural Economics. Continuation of Agriculture 51a. Inventories and farm surveys will be made and methods of farm accounting discussed and applied.

Prerequisite, Agriculture 51a. T., W., Th., Fr., 2:30. Four hours credit. Professor Rast.

Agriculture 51c. Agricultural Economics. Recitations upon the production, distribution, transportation and marketing of agricultural products. The relation of the industry of agriculture to other industries, co-operation in agriculture, agricultural organizations and the social conditions of agricultural communities are considered.

T., W., Th., F., 2:30. Four hours credit.
Professor Rast.

Agriculture 53a. Sheep and Swine Husbandry. A study of different breeds, types and market classes and of various systems of management.

Prerequisite, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Professor Rast.

Agriculture 53b. Poultry Husbandry. A study of the more important breeds of poultry, incubation, brooding, rearing, general care and management. Some attention given to poultry house construction.

Prerequisites, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Professor Rast.

Agriculture 53c. Diseases of Farm Animals. A study of some of the common diseases of farm animals and their prevention.

Prerequisites, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00 Four hours credit. Professor Rast.

Agriculture 54abc. Stock Judging. Recitations and lectures on the use of the score card. Practical work in scoring, judging and placing horses, cattle, swine, sheep and poultry from various standpoints.

Prerequisite, Agriculture 31abc. Recitations and lectures T., 8:00. Laboratory Th., F., 8:00-10:00. Three hours of credit each term. Professor Rast.

HOME ECONOMICS

An entire floor of Oglebay Hall of Agriculture has been set aside for this department; the space at command comprising kitchen and serving laboratories, a demonstration dinning room, and recitation room.

The course in Home Economics is designed to meet the needs of two classes of students; those who specialize in other lines of work, but who desire a knowledge of the fundamental principles underlying the sciences most directly concerned in the home, and those who wish to take a full course leading to the Degree of Bachelor of Science.

Credit will not be given in Laboratory Courses in Foods or Textiles unless the course is continued throughout the year.

Uniform. Each student must be provided with two long white aprons, a holder for lifting hot pans, and three small hand towels.

Fees. A fee of $2.50 per term will be charged students enrolled in the domestic science department and fifty cents a term in the cosmetic arts department to cover the cost of material used.

Each student before graduation will be required to plan, direct, and serve a dinner to at least six guests.

SHORT COURSE FOR TEACHERS

Students who are graduated of accredited High Schools and are able to present proper units may secure a teacher certificate on completion of eighty-three hours of college work. The following courses are recommended

for Freshmen year: English 11abc, Chemistry 11abc, Home Economics 11abc, Education 12abc.

Sophomore year: Education 11abc, Education 31abc, Education 32abc, Home Economics 32abc, Home Economics 34abc.

Education 36abc and Advanced Psychology should be taken.

To secure certificate in West Virginia a student must present work in Public School Music and Drawing in addition to forty-eight hours of Education.

COURSES OF INSTRUCTION

Home Economics 11abc. Home Cookery and Table Service. A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by heat, cold and fermentation. Planning meals, cooking and serving, emphasizing efficient expenditure of time, labor and money.

Lecture and Laboratory, four hours a week.
Three hours credit. T., F., 10:30-12:30.
Asst. Prof. Acker.

Home Economics 13abc. Elementary Cooking. Neatness and definiteness and use and care of the laboratory equipment are a part of every lesson. Designed to give a knowledge of the principles underlying the selection and preparation of food. Cooking and serving of foods. This course is for those who have had no Home Economics in High School.

Lecture and Laboratory, four hours a week.
Two hours credit. T., F., 1:30-3:30. Miss Dorsey.

Home Economics 15abc. Machine Sewing and Pattern Drafting. Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Hand sewing and undergarments prerequisite.

Lecture and Laboratory. W. and Th., 10:30-12:30.
Credit two hours. Asst. Prof. Acker

Home Economics 16abc. Hand Sewing and Undergarments. A study of the fundamental stitches, and processes applied to useful articles. Practice in cutting and making undergarments. This course is for those who have had no sewing in High School.

Lecture and Laboratory, four hours a week.

W., Th., 1:30-3:30. Credit, two hours. Miss Dorsey.

Home Economics 12ab. Home Sanitation. This subject deals with healthfulness of location, drainage, and surroundings of a dwelling; heating, necessity of proper amount of sunlight, ventilation, over-crowding, disposal of household waste, preventable diseases. Chemistry 11abc prerequisite or parallel.

Lecture and recitations, two hours a week.

T., Th., 9:00. Two hours credit.

Home Economics 12c. House Furnishing. Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, H. E 12ab.

Lecture and Laboratory, two hours a week.

T., Th., 9:00. Credit, two hours. Asst. Prof. Acker.

Home Economics 32ab. Problems in Food Preparation and Nutrition. Lecture and Laboratory. Study of assimilation and use of food. Problems in institutional management. The equipment, maintenance and budgeting of institutions. Prerequisites, H. E. 11abc, Chemistry 11abc.

Lecture, 1 hour a week; Laboratory, 3 hours a week

T., F., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Economics 32c. Special Methods. This course includes six weeks study in methods of teaching Domestic Science and six weeks in methods of teaching Domestic Art. Practice teaching accompanies the classroom work. Required of all seeking degrees. Two hours a week.

W., Th., 8:00. Two hours credit. Asst. Prof. Acker.

Home Economics 34ab. Problems in Clothing. Designing, cutting and making of wool and silk dresses, hygiene of clothing, clothing budgets. Winterburn's "Principles of Correct Dress"; also the History Study of Costume. Prerequisite, H. E. 15ac.

Recitation and Laboratory, four hours a week.

W., Th., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Eocnomics 34c. Textiles. A study of the textile fibres and fabrics of interest to the household; their character, cost, durability, adulteration.

Lecture and recitation, two hours a week.

T., F., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Economics 33a. Household Administration. Course dealing with efficient management of the home, including budgeting of the income, proper distribution of time in daily routine duties. Keeping of household accounts, use of labor-saving devices Prerequisite, H. E. 11abc and 15abc.

Recitation and lecture, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 33b. Home Care of the Sick, Feeding and Care of Children. A series of lectures dealing with the fundamental principles in home nursing. The feeding and care of children from infancy through adolescence will form an important part of the course.

Lecture, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 33c. Dietetics. A consideration of metabolism, and its process, with special reference to cell utilization of food. The relation of diet to the more common disorders of nutrition and the comparative nutritive values of different types of food.

Lecture and recitation, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 51a. Art Embroidery. This course includes practice in various kinds of embroidery used on clothing or in the household.

Four hours laboratory a week.

W., F., 1:30-3:30. Two hours credit.

Asst. Prof. Acker.

Home Economics 52bc. Production and Manufacture. This course deals with the source, production and use of food products. Home Economics 11abc, Chemistry 11abc prerequisites.

Recitation two hours a week.

Tues. and Thurs., 1:30. Two hours credit.

Asst. Prof. Acker.

DEPARTMENT OF BIOLOGY AND GEOLOGY

Professor Weimer

The courses in this department are planned to offer a broad view of the facts of life as a part of a general cultural education as well as specialized knowledge along the lines of Botany, Zoology and Geology. The courses in Biology are suitable for students preparing for the study of medicine.

Biology 11a. General Biology. A systematic study of the fundamental structures and life processes of plants and animals including man, and the important inter-relationships together with special lectures and discussions of the important principles of Biology—Environment, Theory of Evolution, Heredity and Variation. Four hours credit.

Recitations and lectures T., Th., 1:30. Laboratory W, F., 1:30-3:30.

Biology 11b. Continuation of Biology 11a.

Prerequisite, 11a or its equivalent. Hours and credit same as Biology 11a.

Biology 11c. Continuation of 11b.

Prerequisite, Biology 11ab or its equivalent. Hours and credit the same as Biology 11b.

Biology 36c. Invertebrate Zoology. A survey of the invertebrate animals including phylogeny, morphology, relationship and economic importance. Laboratory study of the activities and morphology of representative types of Invertebrates. Four hours credit.

Prerequisite, Biology 11abc. Recitations and lectures. T., T., 8:00. Laboratory W. F., 8:00-10:00.

Biology 36b. Invertebrate Zoology. Continuation of Biology 36c.

Prerequisite, Biology 11abc and Biology 36a. Hours and credits the same as Biology 36a.

Biology 36c. Vertebrate Zoology. A study of representative forms of Vertebrates, amphioxus, shark, frog and cat.

Prerequisite, Biology 11abc and Biology 36ab. Hours and credit the same as Biology 36b.

Biology 31a. General Botany. A general survey of the plant kingdom. Type forms will be studied with attention to morphology, physiology, ecology, phylogeny and economic importance. Special attention will be given to systematic botany in the spring months. Four hours credit.

Recitations and lectures T., Th., 10:30. Laboratory W., F., 10:30-12:30.

Prerequsite, Biology 11abc.

Biology 31b. Continuation of Biology 31a. Prerequisite, Biology 11abc and Biology 31a. Hours and credit the same as Biology.

Biology 31c. Continuation of Biology 31b. Prerequisite, Biology 11abc and Biology 31ab. Hours and credit the same as Biology 31b.

Biology 29b. Personal Hygiene. A study of certain fundamental laws governing personal health.

T., Th., 2:30. Two hours credit.

Biology 29c. Public Sanitation. A study of the principles underlying health conditions in more complex communities.

T., Th., 2:30. Two hours credit.

Geology 41abc. (Offered 1922-1923.)

DEPARTMENT OF CHEMISTRY

Professor Workman
Assistant Professor ————
Mr. Francis
Mr. Ryan

The aims of the courses in this departrment are to furnish students with such a training in the fundamental principles of chemistry as ought to be a part of a liberal education and, at the same time, to provide a satisfactory foundation for specialization. Some of the more advanced courses are not given every year but are so alternated that students staying in the college four years have an opportunity to get practically all the work offered. The fees for the various courses are stated elsewhere in the catalogue. Besides the fees named, each student is required to make a deposit with the bursar of the college each term of two dollars for Chemistry 11, three dollars for Chemistry 31, 32, 33 or 51, and five dollars for Chemistry 52. The deposit, less any charges that may be made for breakage, is returned to the student at the end of he term.

Chemistry 11ab. General Chemistry. A study of the general principles of chemistry. In this course and the following one special emphasis is placed on the application of chemistry to daily life. The course is arranged to meet the requirements of those who have had an elementary course in chemistry as well as those who are just beginning the subject. The class is divided into three sctions.

Lectures T., Th., 8:00, 9:00, 2:30. Laboratory open W., F., 8:00-10:00, and M., S., 8:00-12:00. Four hours credit each term.

Professor Workman, Assistant Professor ———— and Assistants.

Chemistry 11c. Elementary Qualitative Analysis This is an elementary course in the principles of qualitative analysis and consists of a study of common metals and acids and their identification in simple compounds and mixtures.

Lectures, quizzes and laboratory T., W., Th., F., 8:00 10:00, and M., S., 8:00-12:00. Four hours credit.

Professor Workman, Asst. Professor ———— and Assistants.

Chemistry 31a. Qualitative Analysis. A study of the principles and methods of qualitative analysis and identification of metals in chemical compounds, minerals and ores. The course is intended specially for those who enter college with advanced standing and have never had any work in qualitative analysis. It will be offered when called for by a sufficient number of students.

Laboratory open T., W., Th., 10:30-12:30, and M., 8:00-12:00. Three hours credit. Professor Workman

Chemistry 32abc. Agricultural Chemistry. The course is intended specially for agricultural students. The first term is given to a study of Organic Agricultural Chemistry and the remainder of the year to a study of the physical and chemical properties of soils. Prerequisite, one year of college chemistry. Offered in 1921-1922. Alternates with Chemistry 33abc.

Lectures T., Th., 1:30. Laboratory W., F.. 1:30-3:30 Four hours credit each term.

Chemistry 33abc. Chemistry of Foods and Nutrition. This course is specially intended for students in the department of home economics and alternates with Chemistry 32abc. A study is made of the composition and nutritive value of various foods, food legislation and inspection. food preservation and adulteration. Laboratory work includes some exercises in elementary quantitative analysis followed by analysis of typical foods, such as cereals, milk, flour, butter and cheese. Prerequisite, Chemistry 11abc.

Lecture Th., 11:30. Laboratory W., F., 10:30-12:30. Three hours credit each term. Offered in 1922-23.

Professor Workman.

Chemistry 34abc. Advanced General Chemistry. A study of special topics in the field of advanced general chemistry. Special emphasis is placed on chemical laws and theories and the chemistry of some of the rare elements.

Lectures T., S., 10:30. Two hours credit each term.

Professor Workman

Chemistry 51abc. Quantitative Analysis. A study of the fundamental principles of gravimetric and volumetric analysis. The nature of the laboratory exercises is made to conform as far as possible to the needs of the various students taking the work. The course alternates with Chemistry 52abc. Prerequisites, one year of college chemistry. Offered in 1921-22.

Lecture T., 11:30. Laboratory open W., Th., F., 10:30-12:30, and M., 10:00-12:00. Four hours credit each term.

Professor Workman.

Chemistry 52abc. Organic Chemistry. A general course in organic chemistry. A study is made of both aliphatic and aromatic compounds and their derivatives Typical organic compounds are prepared in the laboratory. Prerequisite, Chemistry 11abc, and preferably Chemistry 34abc and 51abc. The course alternates with Chemistry 51abc. Offered in 1922-23.

Lecture T., 11:30. Laboratory open W., F., 10:30 12:30, and M., 8:00-12:00. Four hours credit each term.

Professor Workman.

Chemistry 53a. Industrial Chemistry. This course consists of lectures on various industrial processes, written reports on assigned topics and observation trips to industrial plants in the Ohio Valley. Prerequisite, Chemistry 11abc, 34abc, and 52abc.

Lectures W., F., 8:00. Two hours credit.

Professor Workman.

Chemistry 54bc. Physiological Chemistry. A study of the chemistry of carbohydrates, fats and proteins and their digestion and metabolism in the animal organism. Special emphasis on the chemistry of various body tissues and secretions. Prerequisites, Chemistry 11abc and 52abc. Offered in 1921-22.

Lectures W., F., 8:00. Two hours credit each term.

Professor Workman.

Chemistry 55abc. Physical Chemistry. This course deals with such topics as gas laws, molecular weights, mass action, theory of solutions, the phase rule, etc. Prerequisites, Chemistry 11abc, 34abc and 51abc, Physics 31 and Mathematics 31. Offered when desired by a sufficient number of students.

Lectures W., F., 9:00. Two hours credit each term.

DEPARTMENT OF CHURCH HISTORY

President Goodnight
Assistant Professor Green

Church History 71a. The Ancient Church. A study of the origin and development of Christianity to the close of the sixth century.

T., W., S., 9:00. Three hours credit.

Church History 71b. The Medieval Church. A continuation of course 71a to the beginning of the Reformation. T., W., S., 9:00. Three hours credit

Asst. Prof. Green.

Church History 71c. The Modern Church. A general survey of the life and work of the church in modern history. T., W., S., 9:00. Three hours credit.

Asst. Prof. Green.

Church History 72a. Life and Times of Jesus. (Not offered in 1921-22.)

Asst. Prof. Green.

Church History 72b. The Apostolic Age. A survey of

of the origin, development and missionary work of the church in the first century.

T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 72c. History of the Disciples. (Not offered 1921-1922.)

Church History 101a. The Background of Christianity. A survey of the contributions made by Judaism and Hellenism during the three centuries prior to the birth of Jesus. T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 101c. The Post Apostolic Age. A study of he life and work of the Church from 100 A.D. to the Council of Nicea

T., W., F., 8:00. Three hours credit.
President Goodnight

Church History 91a. The Reformation. A study of the rise and development of the Reformation in Germany. (Not offered 1921-22.)

Church History 91b. The Reformation. A study of the rise and development of the Reformation in the countries outside of Germany. (Not offered 1921-22.)

Church History 91c. The Church in England. A study of the Reformation in England and the rise of Anglicanism and the development of Non-Conformist groups. (Not offered 1921-22.)

Church History 102ab. The History of Christian Doctrine. A study of the rise and development of the outstanding doctrines of the Church as held by leading church groups. T., W., S., 8:00
Three hours credit each term. Asst. Prof. Green.

Church Hstory 102c. The History of Christian Missions. A study of the progress of the church from the standpoint of its expansion. T., W., S., 8:00.
Three hours credit. Asst. Prof. Green.

DEPARTMENT OF EDUCATION

Professor Hunter
Professor Miller
Professor Leitch
Miss Steindorf

AIMS AND REQUIREMENTS OF THE DEPARTMENT

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm. knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

A secondary aim of the department is to quailfy, through a course of two years, candidates for an elementary school certificate issued by the State Department of Education in West Virginia. All candidates for graduation or for a certificate must have completed four hours of observation and practice teaching.

OPPORTUNITIES FOR OBSERVATION

Candidates for nigh school teaching certificates are privileged to observe and do actual schoolroom teaching in the local high school. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley. Candidates for elementary school teaching certificates do their practice teaching and most of their observation in the village schools of Bethany and have ready access to rural and city schools for additional observation. All observation and practice teaching is under the direction and supervision of instructors in the Department of Education.

OUTLINE OF COURSE FOR ELEMENTARY SCHOOL CERTIFICATE

Freshman year: Education 13abc, 18abc, 36abc and seven hours of college work not pedagogical.

Sophomore year: Education 31abc, 32abc and twelve hours of other work. All electives must be approved by the department of education. Work done at the summer sessions applies on this course.

COURSES OF STUDY

Education 13a. General Methods. A discussion of the underlying principles of method, lesson plans, preparation and presentation of material. Credit, 3 hours.
T., Th., F. at 10:30. Professor Hunter.

Education 13b. Classroom Management. Presents the practical problems of the schoolroom, such as discipline, routine factors, daily program. Attention will be given to West Virginia school laws. Credit, 3 hours.
T., Th., F. at 10.30. Professor Hunter.

Education 13c. School Hygiene. The problem of hygiene in relation to school life. Sanitation, heating, ventilation, lighting, seating, fatigue, disease, first aid. Credit, 3 hours.
T., Th., F. at 10:30. Professor Hunter.

Education 14abc. Public School Drawing. Methods are given, work is planned for each grade and carried out in different mediums, such as pencil, crayon, paper-cutting, water-color and pastel. Attention is given to the seasons. Credit, 2 hours each term.
T. and Th., 2:30-4:30. Miss Steindorf.

Education 15abc. Public School Music. Sight singing from blackboard, chart and Harmonic first and second readers. Ear training. Theory including all major and minor keys and scales in treble and bass cleffs, simple modulation. Consideration of appropriate rote songs. Methods include work for each grade for an entire year which is planned and worked out. Credit, 2 hours each term.
Hours to be arranged.

Education 18a. Introduction to Psychology. The structure and function relations are emphasized throughout the course. Credit, 3 hours.

T., Th., F. at 1:30. Professor Miller.

Education 18b. Psychology and Childhood. A study of the physical and mental development of children. The appearance and use of instincts, the place of play, etc., closing with a brief study of mental tests. Credit, 3 hours.

T., Th., F. at 1:30. Professor Miller.

Education 18c. Educational Psychology. The practical problems of education viewed on the basis of their psychological significance. The learning process, educating the senses, memorizing, etc. Credit, 3 hours.

T., Th., F. at 1:30. Professor Miller.

Education 31abc. Special Methods. A detailed consideration of the methods of teaching the elementary school subjects, selection and arrangement of material, devices and seat work, correlation. Credit, 2 hours each term.

Th. and S. at 8:00. Professor Hunter

Education 32abc. Observation and Practice Teaching This is a very important course as the candidate here attempts to apply educational principles in the classroom. Lesson plans are prepared for each lesson. The work is observed and criticized by the instructor. Personal conferences. Credit, 2 hours each term.

Hours to be arranged. Professor Hunter

Education 37abc. Psychology, General and Applied. See Department of Philosophy. Professor Leitch.

Education 56a. Psychology of Personality.

56b. Psychology of Work.
56c. Mental Measurements.

See Department of Philosophy. Professor Leitch

Education 36abc. History and Principles of Education. Lectures and reports. The principles of education are discussed as they manifest themselves in relation to historical and national development.

Education 36a. To the Renaissance.
Education 36b. Modern Europe.
Education 36c. American Education.
Credit in each course, 3 hours. No prerequisites.
T., W., F. at 8:00. Professor Hunter.

Education 59a. History and Principles of Secondary Education. A consideration of the secondary school from the standpoint mainly of its historical development and the principles underlying its changes. The junior high school, its aim and present status. Credit, 3 hours. Prerequisite, Education 37abc.
T., W., F. at 9:00. Professor Hunter.

Education 59b. Pedagogy of the High School Subjects. Special attention will be given to those subjects in which students have elected majors and minors. Prerequisite, Education 37abc. Credit, 3 hours.
T., W., F. at 9:00. Professor Hunter.

Education 59c. School Administration and Management. Considered from the viewpoint of the secondary school. The school board, centralization, vocational education, school architecture, budgets, sanitation, classroom management, courses of study. Prerequisite, Education 37abc. Credit, 3 hours.
T., W., F. at 9:00. Professor Hunter.

Education 81abc. Observation and Practice Teaching. An important course. Open only to seniors. The teaching is done in the local high school. So far as possible students will be allowed to observe and teach mainly in the subjects in which they propose to teach after graduation. Prerequisite, Education 37abc. Credit, 2 hours each term.
Hours to be arranged. Professor Hunter.

For courses in Logic, Ethics and Philosophy, see Department of Philosophy; for courses in Sociology, see Department of Sociology.

DEPARTMENT OF ENGLISH

Professor Bourne
Assistant Professor Ashby

A. COMPOSITION

English 11a. Class work will consist of a study of the principles of narration and description — recitations, discussions, written exercises and assigned reading. This course presupposes a preparation equivalent to a four-year course in high school Rhetoric.

T., Th., S., 9:00. Three hours credit. Section I.
T., Th., S., 11:30. Three hours credit. Section II.
T., Th., F., 2:30. Three hours credit. Section III.
Asst. Prof. Ashby.

English 11b. Continuation of 11a. In connection with the work in Composition there will be assigned reading and study of articles bearing on present day events in the leading magazines. Three hours credit. Sections and hours as above. Asst. Prof. Ashby

English 11c. Study of principles of exposition. Theme writing, study of selections of standard English prose. Three hours credit. Sections and hours as above.
Asst. Prof. Ashby.

English 54a. .Advanced Composition. Individual practice in writing with readings in modern literature as a basis of comparative study.

W., F., S., 10:30. Three hours credit. Prerequisite, English 32abc. Asst. Prof. Ashby.

English 54b. Writing and reading with especial attention to the short story. Various practical applications of writing.

W., F., S., 10:30. Three hours credit.
Asst. Prof. Ashby.

English 54c. Advanced Composition. Writing and reading with chief interest in Expository writing.
W., F., S., 10:30. Three hours credit.
Asst. Prof. Ashby.

B. LITERATURE

English 32a. A general survey of the history of English literature from the age of Chaucer to the end of the nineteenth century. Continuous throughout the year. Lectures, assigned readings, written reports.
T., Th., S., 9:00. Three hours credit. Section I.
T., Th , S., 10:30. Three hours credit. Section II.
Prerequisite, English 11abc. Professor Bourne

English 32b. Continuation of English 32a.
Professor Bourne.

English 32c. Continuation of English 32b.
Professor Bourne.

English 57a. A study of the English Novel with special reference to the novel in the nineteenth century. Lectures, assigned readings, written reports.
T., W., F., 11:30. Three hours credit.
Prerequisite, English 32abc. Professor Bourne.

English 57b. A rapid survey of the history and development of the drama from its beginning to the complete drama of the sixteenth century.
T., W., F., 11:30. Three hours credit.
Prerequisite, English 54a. Professor Bourne.

English 57c. The drama of Shakespeare.
T., W., F., 11:30. Three hours credit.
Prerequisite, English 54b. Professor Bourne.

English 53a. English literature of the Queen Anne period with special reference to the literature of Pope Addison and Swift. Three hours credit.
(Not offered 1921-1922.)

English 53b. English literature of the last half of the eighteenth century. A study of Dr. Johnson and his circle

and the poets who mark the beginning of Romanticism. Three hours credit.

(Not offered 1921-1922.)

English 53c. The Romantic Triumph of English literature. A study of the poetry of Byron, Shelley, Keats, Coleridge and Wordsworth. Three hours credit.

(Not offered 1921-1922.)

English 73a. A study of the leading prose writers of the Victorian era — Macaulay, Carlyle, Ruskin and Arnold.

T., W., F., 2:30. Three hours credit.

Prerequisite, English 32abc. Professor Bourne.

English 73b. The Victorian Era continued. Study of the poetry of Tennyson and Browning. Briefer assigned reading in other poets of the period.

T., W., F., 2:30. Three hours credit.

Prerequisite, English 73a. Professor Bourne.

English 73c. A study of present day literature, its tendencies and influences. Assigned reading in modern fiction, poetry and drama. Lectures, class recitations and written reports.

T., W., F., 2:30. Three hours credit.

Prerequisite, English 73b. Professor Bourne.

English 29b. American Literature. A rapid survey course.

W., F., 9:00. Two hours credit.

English 29c. American Literature continued.

W., F., 9:00. Two hours credit.

DEPARTMENT OF GREEK AND LATIN

Professor Gay
Professor Perry

All effort in this department will be directed, first, to impart an accurate knowledge of the language; second, to

develop appreciation for Greek and Latin as the purest literature and as a criterion for the appreciation of the best in all literature. In the earlier part of the course emphasis will be laid upon the mastery of inflections and syntax and the writing of the language. Comparison of Greek or Latin and English idiom and syntax will be constantly made and the student will be encouraged to exercise his own judgment and discrimination in this comparison. Later more emphasis will be placed upon the student's ability to appreciate and interpret the thought of the Greek Masters, especially in relation to the contribution which Greek or Roman civilization has made to modern life.

In the Greek of the New Testament constant comparison will be made with classical Greek and emphasis will be placed upon the finer distinctions of syntax as they effect the interpretation of the text.

Greek 11abc. Elementary Greek. This course includes a mastery of the essential principles of Greek grammar and the reading of a number of Greek stories.

Prerequisite, one unit of preparatory Latin.

T., W., Th., F., 3:30. Four hours credit.

Professor Gay.

Greek 41abc. Homer, Iliad and Odyssey. This course includes weekly reports on assigned topics dealing with the History of Hellenic Civilization.

Prerequisite, Greek 11abc.

T., W., Th., F., 1:30. Four hours credit.

Professor Gay

Greek 51abc. Greek Dramatists.

a. Æschylus' Prometheus Bound.

b. Sophocles' Œdipus Tyrannus.

c. Euripides' Iphigenia Tauris.

The reports on the History of Hellenic Civilization will continue throughout the year.

Prerequisite, Greek 41abc.

T., W., Th., S., 9:00. Four hours credit.

Greek 52abc. Plato.

a. Apology and Crito.

bc. Selections.

Weekly reports on the History of Hellenic Civilization as in Greek 41abc.

T., W., Th., S., 9:00. Four hours credit.

Professor Gay.

Greek 81abc. A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, a portion of The Acts of the Apostles, I and II Thessalonians and I and II Corinthians.

Prerequisite, Greek 51abc or 52abc.

T., W., F., 11:30. Three hours credit.

Professor Gay

Greek 111abc. An advanced course in Greek Exegesis. A critical study of Paul's Epistles to the Galatians. Romans, Ephesians, Philippians, Colossians and Hebrews.

Prerequisite, New Testament 81abc.

T., W., F., 2:30. Three hours credit.

Professor Gay.

Latin 11abc. Cicero and Latin Composition. Work in composition one day each week.

Prerequisite, two years of preparatory Latin.

T., W., F., 11:30. Three hours credit.

Professor Perry

Latin 12abc. Virgil. After three yaars devoted to the acquisition of the language, the study of Virgil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course.

Prerequisite, Latin 11.

T., Th,, F., 2:30. Three hours credit.

Professor Perry.

Latin 31a. DeAmicitia and De Senectute.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Professor Perry.

Latin 21a. Tacitus. Germania and Agricola.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Professor Perry.

Latin 21c. Plautius: Menæchmi. Terence: Phormio. Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31a. Letters of Cicero. A large number of letters will be read showing Cicero's tastes and relations to his personal and literary friends.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31b. Odes and Epodes of Horace.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31c. Livy. The larger portion of Book XXI and XXII will be read with particular attention to Livy's qualities as an historian.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 21 and 31 are given in alternate years.

Latin 32abc. Roman Private Life.

W., 8:00 One hour credit
Professor Perry.

Latin 51a. Roman Satire. Readings — Development of the Roman Satire.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.
Professor Perry.

Latin 51b. A study of the Conspiracy of Cataline from the original sources.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit
Professor Perry.

Latin 51abc. Roman Literature. This course will consist of a general survey of Roman literature with selections from many Latin authors.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.
Professor Perry.

Latin 52abc. Latin Composition. Advanced course. Designated for students who expect to teach Latin.

Prerequisite, Latin 12. F., 9:00. One hour credit.
Professor Perry.

DEPARTMENT OF HISTORY, ECONOMICS AND POLITICAL SCIENCE

Assistant Professor Woolery
Assistant Professor Garrett

HISTORY

History 33a. Medieval Hsitory. From the decline of the Roman Empire to the opening of the sixteenth century. Text: Thorndyke.

T., W., Th., 8:00. Three hours credit. Section I.
T., W., Th., 2:30. Three hours credit. Section II.
Asst. Prof. Garrett.

History 33bc. Modern Europe. From 1500 A.D. to 1919. Text: Hayes' Social and Political History of Modern Europe. Vol. 1 and 2.

T., W., Th., 8:00. Three hours credit each term. Section I.

T., W., Th., 2:30. Three hours credit each term Section II.

History 33abc, prerequisite for all courses in History.
Asst. Prof. Garrett.

History 55a. History of England from Norman Conquest to the time of the Tudors.

T., W., F., 1:30. Three hours credit.
Asst. Prof. Garrett.

History 55b. History of England from time of Tudors to 1800.

T., W., F., 1:30. Three hours credit.
Asst. Prof. Garrett.

History 55c. History of England in Nineteenth Century.

T., W., F., 1:30. Three hours credit.
Asst. Prof. Garrett.

History 71a. The German Reformation. A study of social and political life of Germany from 1518 to 1560.

T., Th., S., 10:30. Three hours credit.
Asst. Prof. Garrett.

History 71b. The French Revolution. A survey of the cause and results of the movements of the period.
T., Th., S., 10:30. Three hours credit.
Asst. Prof. Garrett.

History 71c. The Rise of Italy.
T., Th., S., 10:30. Three hours credit.
Asst. Prof. Garrett.

History 29b. Ancient History: The Rise and Influence. of the Greeks.
T., W., F., 9:00. Three hours credit.
Asst. Prof. Garrett.

History 29c. Ancient History: The Roman Empire.
T., W., F., 9:00. Three hours credit
Asst. Prof. Garrett.

History 51a. The Colonial Period of American History. A study of the discovery and settlement of America and the rise and development of the thirteen colonies. Three hours credit. T., W., S., 11:30.
Asst. Prof. Woolery.

History 51b. The Formation of the American Nation. A study of the formation of the Federal Government, tracing its social and political history to 1840. Three hours credit. T., W., S., 11:30.
Asst. Prof. Woolery.

History 51c. The Division and Reunion of the United States. A study of the rise of slavery and other social and political forces that entered into the Civil War. Three hours credit. T., W., S., 11:30.
Asst. Prof. Woolery.

History 72a. The United States in Our Own Times. A survey of the nation's life since 1870, including a study of the economic growth and entrance into world politics. Text, Andrews' United States in Our Own Times. Three hours credit. W., Th., S., 9:00.
Asst. Prof. Woolery.

History 72b. The United States in Latin America. A study of the relations taken so far as possible from the

view-point of both sections. Text, Latane, The United States in Latin America. Three hours credit.
W., Th., S., 9:00.
Asst. Prof. Woolery.

History 72c. A History of American Diplomacy. A study of the relations between the United States and the nations of Europe and Asia. Text, Moore, American Diplomacy. Three hours credit. W., Th., S., 9:00.
Asst. Prof. Woolery.

ECONOMICS

Economics 52a. Principles of Economics. This course aims to give the fundamental principles that underlie economic life. Three hours credit. W., Th., F., 1:30.
Asst. Prof. Woolery.

Economics 52b. Continuation of 52a. Three hours credit. W., Th., F., 1:30.
Asst. Prof. Woolery.

Economics 52c. Money and Banking. A study of the fundamental laws underlying mediums of exchange. Three hours credit. W,. Th., F., 1:30.
Asst. Prof. Woolery.

Economics 71a. Transportation. A study of the modes of transportation, the fundamental purpose of distribution and their relation to civilized life. Three hours credit. W., Th., F., 2:30
Asst. Prof. Woolery.

Economics 71b. The Labor Problem. A study of labor conditions, capital, trade-unionism, etc. Three hours credit. W., Th., F., 2:30.
Asst. Prof. Woolery

Economics 71c. Public Finances and Taxation. A study of the fundamental purpose underlying the systems of taxation that have been tried by the various governments. Three hours credit. W., Th., F., 2:30
Asst. Prof. Woolery

POLITICAL SCIENCE

Political Science 61a. The American Government. A study of the rise and principles of the Federal Government. Lectures, readings and reports. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery.

Political Science 61b. The Government of England. A study of the fundamental principles of the government of the British Empire. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery

Political Science 61c. International Law. A study of the fundamental international relationships as regards the land, sea and general trade relations. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery.

LIBRARY COURSES

Miss Starbuck

11. The course in library science is intended both to train the student to use the college library intelligently, and to make her familiar with the elementary principles of library science in general. Practice is given in the use of the dictionary catalog, and in elementary classification, cataloging, shelf listing, reference work and work with periodicals. During the latter part of the course the student spends most of her practice time at the desk, thus becoming familiar with the practical as well as the theoretical part of library work. Offered each term. Five hours practice, one hour lecture, three hours credit.

12. A course in the use of the library is offered for those who do not wish to give the time required for practice work in the Library 11a. This course is intended to train the students to know and utilize the resources of the college library without attempting to teach them more than the most elementary principles of library science. It consists principally in training in the use of the dictionary catalog, in finding books on the shelves by the Dewey classification, and in the use of some of the most important reference books. Two hours a week, lecture and practice work combined. Credit, one hour.

DEPARTMENT OF MATHEMATICS

Professor Cramblet

Mathematics 11abc. Freshman Mathematics. A study of the elementary functions, algebraic and transcendental and their applications, graphical and analytic solution of problems, the theory of measurement and the slide rule. Twelve hours credit the year.

Section I. 9:00 T., W., T., F.

Section II. 11:30 T., W., F., S.

Mathematics 12a. Mechanical Drawing. Geometric problems, conic sections, orthographic, isometric and oblique projection surfaces and spirals.

Prerequisite, same as for Course 11.

T., W., Th., F., at 1:30, and four hours additional. Four hours credit.

Mathematics 12bc. Surveying. Compass and transit surveying, leveling, topographical work and map making. The department is well equipped to give adequate work in this course.

Prerequisite, 11abc, and 12a.

Recitation T., F., at 1:30. Saturdays or Mondays must be reserved for field work. Four hours credit.

Mathematics 31abc. Differential and Integral Calculus. With numerous applications to the tracing of courves and the solution of problems from geometry and mechanics.

Prerequisite, Course 11.

T., Th., S., at 8:00. Nine hours credit the year.

Mathematics 51abc. Theoretical Mechanics. Especial attention is given to the graphical solution as a help in understanding the analytical solution of problems, conditions of equilibrium, concurrent and parallel forces, friction, inertia rectilinear and curvilinear motion, translation and rotation.

T., Th., F., at 10:30. Nine hours credit the year.

Mathematics 52abc. Advanced Calculus.

Prerequisite, Course 31abc.

Time to be arranged. Three hours credit per term.

Mathematics 72a. The Foundations of Algebra. Cer-

tain considerations in the theory of numbers and the theory of equations.

Hours to be arranged. Three hours credit.

Mathematics 72b. The Foundations of Geometry. A study of exions and the conditions of necessary and suffi cient proof.

Hours to be arranged. Three hours credit.

Mathematics 72c. The Pedagogy of Secondary Mathematics.

Hours to be arranged. Three hours credit.

DEPARTMENT OF MODERN LANGUAGES

Professor ————
Assistant Professor Butzer

German

German 12abc. Study of grammar, drill in conversation. Reading of short stories and plays.

(No credit given for less than a year's work.)

T., W., Th., F., 11:30. Four hours credit.

Professor ————

German 13abc. Grammar and conversation continued. Composition. Reading of modern German authors: Keller, Heyse, Ludwig, etc.

Prerequisite: German 12 or two years high school German.

(No credit given for less than a year s work.) Three hours credit.

German 32abc. Study of representative works of Schiller, Lessing, Heine, etc.

Prerequisite: German 12 and 13.

W., F., S., 8:00. Three hours credit.

Professor ————

German 52abc. Study of Goethe, Hebbel, Sudermann, Hauptmann, etc.

Prerequisite: German 12 and 13.

(Not offered 1921-1922.) Three hours credit.

32 and 52 alternate. In both courses, German should

be the main language of the classroom. Outside readings and reports are required.

French

French 11abc. Thorough drill in fundamentals of French grammar throughout the year. Proper attention given to phonetics. Reading of short stories.

T., W., Th., F., 8:00, Section 1; T., W., Th., F., 1:30, Section 2.

(No credit given for less than a year's work.)

Asst. Prof. Butzer.

French 31abc. A more extended study of grammar together with composition. Modern French stories and plays are read. Practice in conversation.

Prerequisite, French 11. (No credit given for less than a year's work.)

T., Th., F., 1:30. Three hours credit.

Professor ————————

French 51 a and b. Literature of the 19th century Such authors as Victor Hugo, Balzac, Musset and others are read.

French 51c. Contemporary French drama. Plays by such authors as Augier, Dumas, Hervieu, Bataille, Bernstein, are read.

Three hours credit per term. Prerequisite: French 11 and 31 or their equivalent. T., Th., S., 8:00.

Professor ————————

French 61ab. Literature of the 17th century: Corneille, Racine, La Fontaine and other authors.

French 61c. Survey course of French Literature.

(61abc not offered in 1921-1922.)

(Prerequisite: Same as for French 51.)

In courses 51 and 61 the work is conducted mainly in French. Outside readings and reports are required.

Spanish

Spanish 11abc. A thorough study of the fundamentals of Spanish grammar. Reading of Spanish short stories

and plays. Practice in conversation. Phonetics.
(No credit given for less than a year's work.)
T., W., Th., S., 10:30. Four hours credit.
Professor ————————

Spanish 31abc. Study of grammar continued. Oral and written composition. Conversation in Spanish. Reading of authors like Alarcon, Valdes, Galdos, etc.
Prerequisite: Spanish 11. (No credit for less than a year's work.)
W., F., S., 9:00. Three hours credit.
Professor ————————

Spanish 51abc. Study of modern authors: Hartzenbusch, Benavente, Galdos, Valera, etc. Outside readings and reports.
Three hours credit.

DEPARTMENT OF NEW TESTAMENT AND BIBLICAL DOCTRINE

Professor Carpenter
Assistant Professor Green

COURSES IN ENGLISH

New Testament 11. A full year is given to the study of the Four Gospels. The aim of the course is (1) to secure familiarity with the English text of the four books Matthew, Mark, Luke, and John, and (2) to present a sane interpretation of their religious message. The text used is "A Harmony of the Gospels" by Stevens and Benton.

New Testament 11a. Life of Christ. The story of the Four Gospels from the birth of Jesus to his second rejection at Nazareth—Section 1 to Section 61 inclusive in the text. T., W., Th., F., 10:30. Four hours credit.
Professor Carpenter.

New Testament 11b. Life of Christ. Continuation of New Testament 11a, from the second rejection at Nazareth

to the anointing of Jesus by Mary at Bethany—Section 62 to 118 inclusive in the text.

T., W., Th., F., 10:30. Four hours credit.
Professor Carpenter.

New Testament 11c. Life of Christ. Continuation of New Testament 11b, from the anointing of Jesus by Mary at Bethany to the Ascension of Jesus—Section 119 to Section 151 in the text.

T., W., Th., F., 10:30. Four hours credit.
Professor Carpenter.

New Testament 31. The historical study of The Acts and Epistles, with special attention given to securing a ready command of the English text. The religious message and doctrinal teachings are carefully noted with sufficient introductory material to furnish settings for the various books covered. Burton's "Records and Letters of the Apostolic Age" is the text.

Prerequisite—Forty-five hours of college credit.

New Testament 31a. The Acts and Epistles. The study of The Acts from the Ascension of Jesus to Paul's Third Missionary Journey.—Acts 18-23, with the Epistles James, I and II Thessalonians, and Galatians.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

New Testament 31b. The Acts and Epistles. Continuation of New Testament 31a, covering the rest of The Acts from Paul's Third Missionary Journey—Acts 18-23 to his imprisonment in Rome, Acts 28-31, and the Epistles I and II Corinthians, Romans, Philippians and Philemon.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

New Testament 31c. Epistles and Revelation. Continuation of New Testament 31b, covering the remaining books of the New Testament, Colossians, Ephesians, I and

II Timothy, Titus, I and II Peter, Hebrews, Jude, I, II and III John and Revelation.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

General Bible 21. A general course covering the history of the Old Testament in outline, The Synoptic Gospels and The Acts with The Epistles. For non-ministerial students. Ministerial students taking this course will not receive credit toward their degree. (Non-ministerial students may elect a year in the English Bible courses—if they have conflict—in either the Old or New Testament.)

General Bible 21a. An outline of Old Testament History with readings in the Old Testament books.

T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

General Bible 21b. The Life of Jesus as found in the Synoptic Gospels. The readings will be in Matthew, Mark and Luke. T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

General Bible 21c. The growth of the New Testament Church with special reference to the labors of the Apostle Paul. Readings will be in The Acts and Epistles.

T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

New Testament Introduction 101. The course will include a study of subjects pertaining to the New Testament Text and Canon. Lectures with much assigned reading. Prerequisites, New Testament 11abc and 31abc. Open to Seniors. Continuous course through the year.

New Testament Introduction 101a. The text of the New Testament and the formation of the New Testament Canon. T., W., F., 9.00. Three hours credit.
Professor Carpenter.

New Testament Introduction 101b. The dates, authorship, credibility, &c., of the New Testament books.
T., W., F., 9:00. Three hours credit.
Professor Carpenter.

New Testament Introduction 101c. Inspiration of the New Testament Books and the more important critical problems. T., W., F., 9:00. Three hours credit.
Professor Carpenter.

BIBLICAL DOCTRINE

Biblical Doctrine 53a. An introductory study of the prominent doctrines of the Bible.
T., Th., S., 8:00. Three hours credit
Text—Clark's Outline of the Christian Theology.
Assistant Professor Green.

Biblical Doctrine 53b. Scheme of Redemption. A careful study of the Bible doctrine of salvation.
T., Th., S., 8:00. Three hours credit.
Assistant Professor Green.

Biblical Docttrine 53c. A continuation of 53b.
T., Th., S., 8:00. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71a. A detailed study of the Bible doctrines of God, of Man, of Sin, of Reconciliation.
W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71b. A careful study of the doctrines of the Messiah, of the Holy Spirit, of Immortality, of Rewards, of Punishments.
W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71c. A careful study of the doctrine of the Kingdom of God, of Inspiration, of Prayer, of Last

W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 102a. History of Christian Doctrine. A careful study of the doctrines of the church from the Apostolic Age to the beginning of the Middle Ages.
T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 102b. A History of Christian Doctrine. A survey of the developments in the church during the Mediaeval and Modern times.
T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

Bible Doctrine 102c. A History of Christian Missions. A study of the doctrine of missions and a brief survey of the more prominent missionary enterprises of the church.
T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

HOMILETICS

Homiletics 51a. The Theory and Practice of Preaching. A careful study of the purposes which underlie the preparation and delivery of sermons.
W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

Homiletics 51b. Sermons and Sermonizing. Some of the sermons of the great preachers will be studied as models. Sermon outlines will be prepared and criticised.
W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

Homiletics 51c. The Preacher as Pastor. A study of the work of the Christian ministers in relations to the congregation which he serves.
W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

DEPARTMENT OF OLD TESTAMENT

Professor Calhoun

COURSES IN ENGLISH BIBLE

Old Testament 11. This course presents the student an opportunity to gain a thorough knowledge of what the English Bible has to say concerning the history of the world in general and of the people descended from Abraham until the establishment of the Hebrew Kingdom. The Bible narrative will be supplemented by other parallel accounts as far as these are known.

Old Testament 11a. History from the creation to the Exodus. T., W., Th., S., 10:30. Four hours credit.

Old Testament 11b. The history between the Exodus and the settlement in Canaan.
T., W., Th., S., 10:30. Four hours credit.

Old Testament 11c. The history from the Settlement in Canaan to the end of the period of the Judges.
T., W., Th., S., 10:30. Four hours credit.

Old Testament 12. This course traces the history from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. This course alternates with Old Testament 11, the two comprehending a complete course in Old Testament history. (Not offered 1921-1922.)

Old Testament 12a. The history of the Kingdom under Saul and David.
T., W., Th., S., 11:30. Four hours credit

Old Testament 12b. The history from Solomon to the fall of the Kingdom under Zedekiah.
T., W., Th., S., 11:30. Four hours credit

Old Testament 12c. The history of Captive Israel from the time of Daniel to that of Nehemiah.
T., W., Th., S., 11:30. Four hours credit.

Old Testament Concomitata 13. This course is intended to cover all those subjects which, while not in the Old Testament, should accompany it, furnishing a proper background for all other Old Testament Courses.

Old Testament 13a. Old Testament Geography.

Old Testament Geography is studied including a complete survey of all the lands and countries mentioned in the Old Testament, with special attention to Palestine. The text book is Hurlburt's Biblical Geography, with McGarvey's Lands of the Bible, and Kent's Biblical Geography and History as reference books.
T., Th., 8:00. Two hours credit.

Old Testament 13b. Contemporaneous History. The history contemporaneous to the Old Testament is studied beginning with Hammurabi's Kingdom, and including Egypn, Syria, Assyria, Babylonia and Persia.
T., Th., 8:00. Two hours credit.

Old Testament 13c. Intermediate History. A study of the History of Israel between the Old Testament and the New is made. Special attention is given to the Old Testament apocrypha and parties existing when the New Testament opens. The history of the nations is also studied. T., Th., 8:00. Two hours credit.

Old Testament 51. Old Testament Literature. This course is devoted to a study of the different types of literature found in the Bible.

Old Testament 51a. Legal Literature. This course affords a thorough study of the Law of Moses. Its laws are arranged in the nine groups in which they were originally given, and each group is studied in its original set-

ting. The laws are also divided into the civil and religious codes and these are compared with the cods of Hammurabi and with our present day laws

W., F., 8:00. Two hours credit.

Old Testament 51b. Poetical Literature. The poetry of the Old Testament is studied with special emphasis upon the Psalms and upon the Wisdom Literature.

W., F., 8:00. Two hours credit.

Old Testament 51c. Prophetic Literature. Old Testament Prophecy is studied. Its peculiarities and purposes are developed and the more prophetic messages are considered. Special attention is given to Isaiah, Daniel and the Twelve Minor Prophets.

W., F., 8:00. Two hours credit.

Old Testament 102. Old Testament Introduction.

Old Testament 102a. The Old Testament Canon. This course covers the more important Textual and Historical Problems pertaining to the Old Testament Books. The conservative and destructive views are both presented and the argument of both sides for and against the 39 books of the Protestant Old Testament are considered in detail. W., S., 9:00. Two hours credit.

Old Testament 102b. The Principles of Criticism. A careful study of the principles of Biblical Criticism both textual and historical is made, and a comprehensive syllabus of these principles is presented. There are numerous lectures and there is much prescribed reading.

W., S., 9:00. Two hours credit.

Old Testament 102c. The Practice of Criticism. A general application of these principles to different Old Testament books is made, the authorship of Deuteronomy is considered in detail, as is also that of Isaiah and Daniel.

W., S., 9:00. Two hours credit.

COURSES IN HEBREW

Old Testament 81abc. The Hebrew Language. This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Written translations of Hebrew into English and of English into Hebrew are required throughout the year, and the thorough analysis of all fundamental forms is required.
T., W., Th., F., 1:30-3:30. Four hours credit.

Old Testament 111. Hebrew Literature. Covers as fully as possible the different types of literature in the Hebrew Bible, together with a most careful review of the fundamental principles of the language. Much attention is given to the acquirement of a good vocabulary. A knowledge of the laws for the analysis and combination of all current forms is insisted upon.

Old Testament 111a. Selections from historical books are read. W., S., 9:00. Two hours credit.

Old Testament 111b. Selections from Poetical books are read. W., S., 9:00. Two hours credit.

Old Testament 111c. Selections from Prophetic books are read. W., S., 9:00. Two hours credit.

DEPARTMENT OF PUBLIC SPEAKING.

Professor Calhoun

Public Speaking 31a. The fundamental principles of expression. The correct methods of thought, feeling and will as these processes are related to expression. The principles governing correct tones, words, facial expression and gesture. Practice to illustrate these principles.
T., W., F., 10:30. Three hours credit.

Public Speaking 31b. The practice of the foregoing

principles as applied to general exercises in expression.
T., W., F., 10:30. Three hours credit.

Public Speaking 31c. The practice of special forms of literature.
T., W., F., 10:30. Three hours credit.

Public Speaking 32. Elective. Open to such students only as have had 31abc or its equivalent.

Public Speaking 32a. The principles governing the correct classification of literary productions. The principles of art criticism as applied to expression. Practice in the application of these principles.
T., Th., 1:30. Two hours credit.

Public Speaking 32b. The practice of dramatic literature.
T., Th., 1:30. Two hours credit.

Public Speaking 32c. The study and practice of discussion and debate.
T., Th., 1:30. Two hours credit.

Public Speaking 33a. The practice of Scripture Reading.
W., F., 1:30. Two hours credit.

Public Speaking 33b. The study of Hymnology and the practice of Hymn Reading.
W., F., 1:30. Two hours credit.

Public Speaking 33c. The Delivery of Sermons.
W., F., 1:30. Two hours credit.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

Professor Leitch

Philosophy 37abc. Psychology General and Applied. A continuous course dealing with the nature of mental life, its physiological conditions, its development, etc. A

special study is made of the more important phases of consciousness and behavior such as instinct, habit, attention, interest, sensation, perception, association, imagination, memory, the higher thought processes, emotion, the will, self, etc.; the methods and fields of psychology; the applications of psychological principles to law, medicine, business, industry, education, and the problems of every day life. Simple psychological experiments illustrating the subject matter studied. Students electing this as a four hour course must put in one laboratory period of two hours each week in addition to regular hours of recitation.

T., Th., S,. 9:00. Three or four hours credit.

Philosophy 41a. Logic. A study of the nature and function of thought; the principles and methods of scientific thinking; immediate and mediate inference; fallacious reasoning.

T., Th., S., 10:30. Three hours credit.

Philosophy 41bc. Ethics. A study of the nature, origin and development of morality in its relation to the biological, social and religious sides of human nature; the more important ideals of conduct; readings in the greater ethical thinkers: Buddhism, Plato, Aristotle, Christian Ethics, Kant, etc.; the nature of happiness; duty and the conflict of duties; freedom and responsibility; the application of moral principles to the concrete problems of individual and social life.

T., Th., S., 10:30. Three hours credit each term.

Philosophy 56a. Psychology of Personality. A study of the more important phenomena of the Self; the capacities, tendencies and instincts of man; the influence of environment; the fundamental causes of human conduct; normal mental life in the light of the abnormal. Prerequisite, after 1921, Phil. 37abc.

T., Th., S., 11:30. Three hours credit.

Philosophy 56b. Psychology of Learning and Work. An analysis of the learning process; efficiency and skill; practice and improvement; the transfer of training; men-

tal work and fatigue; individual differences. Special attention is given to the practical applications of the subject.

T., Th., S., 11:30. Three hours credit.

Philosophy 56c. Psychological Measurements. A study of tests and scales for the measurement of ability and attainment, and their significance for vocational guidance, in industry and in education.

T., Th., S., 11:30. Three hours credit.

Philosophy 53abc. History of Philosophy; Ancient, Mediæval and Modern. An introduction to Philosophy through a study of the rise and development of philosophic thought in the Greek, Roman, mediæval and modern periods. The aim is to prepare the student to face present day problems by familiarising himself with the typical and recurring problems of thought and the solution of these problems offered by the world's great thinkers. Additional work prescribed for students desiring to elect this as a four hour course.

T., Th., S., 8:00. Three or four hours credit each term.

Philosophy 71abc. Contemporary Philosophy. A study of present philosophical tendencies. Selections will be read from the writings of various philosophers: Royce, Bosanquet, James, Dewey, Bergson, and others. A continuous course. Three hours each term. Prerequisite, Phil. 53abc. (Not offered 1921-1922.)

Philosophy 73abc. Individual Philosophers and Movements. A first hand study of the systems of outstanding philosophers such as Plato, Aristotle, Kant, etc., and of important movements in the history of philosophy, such as Stoicism, Scholasticism, English Empiricism, Continental Rationalism, German Idealism, etc. A term will be devoted to each, different ones being studied during succeeding years. Prerequisite, Phil. 53abc.

(Not offered 1921-1922.)

Philosophy 74a. History of Religion. A study of non-

Christian religions with special attention to their philosophic aspects. (Not offered 1921-1922.)

Philosophy 74b. Psychology of Religion. A psychological study of the nature and development of religious consciousness and behavior. (Not offered 1921-1922.)

Philosophy 74c. Psychology of Religion. A psysion of some of the chief philosophical problems of religion, such as the relation of religion to other types of experience, the religious ideal, the idea of God, the problem of religious knowledge, the belief in immortality, the problem of evil, etc. (Not offered 1921-1922.)

DEPARTMENT OF PHYSICAL EDUCATION

Mr. Buland
Miss Butzer

This department affords opportunity for physical training for both men and women. Experience has shown the necessity, under modern conditions, of counteracting the deleterious effects of close mental application by carefully directed exercise of the body. To meet these needs regularly organized classes in gymnasium and open air training are maintained. Individual work is encouraged. Measurements, weights, etc., will be taken and appropriate exercise for building up the weak parts will be given.

In connection with the work for men intercollegiate teams are developed and maintained in football, baseball and basketball, track and field athletics, and tennis. Each man below the rank of Junior is examined on entering school and assigned to work best suited to him. A minimum of two hours per week in gymnasium or field is required of those who are physically able. Each man may make choice of the work he is to do, provided he is adjudged able to do that work.

Men who work a full season on the football squad may be excused from work in the winter term.

Training for Coaches

During each session two classes for coaches in the game being played at that time are organized. One is for those who have never taken part in the game under consideration, and the other, an advanced class, is for those participating in the particular game.

These courses are designed for those who expect to teach. The class for beginners is especially interesting and helpful.

Along with these courses instruction in financial management, the making of schedules and in publicity as related to intercollegiate athletics is given.

Interclass contests are encouraged and held under the direct supervision of the director.

Physical training for women of the college is fostered by gymnasium classes and by interclass games and sports.

For Men

For exercise and drills with light appliance, such as dumb-bells, wands, Indian clubs, etc.

Wall weights, graded apparatus and mat exercises.

Class work in athletic exercises such as sprinting, jumping, vaulting, hurdling, cross country running, swimming, etc.

For Women

The department of physical education for women requires two periods per week in gymnastic and athletic work. This work includes tactics, setting up exercises, games, gymnastic and folk dancing and competitive interclass games in basket ball, volley ball, and indoor loose ball. The purpose of this department is to keep the student physically fit as well as to provide recreation and relaxation. Physical training is required of all women students in normal condition. One hour credit is given.

PHYSICAL TRAINING COURSES FOR WOMEN

Miss Butzer

11abc. An elementary course in gymnasium work which includes simple practices in tactics, Swedish and corrective exercises, games, gymnastic and folk dancing.

No prerequisite

One hour credit. Recitations W., F.. 9:00 or 3:30.

31abc. An advanced course in gymnasium work which will include apparatus work and the more difficult forms of exercises, games, dances, etc.

Prerequisite, Physical Training 11abc or an equivalent of one year's work.

One hour credit. Recitations W., F., 2:30.

Physical Education 32. A brief course in the theory and fundamentals of gymnastic teaching. A course designed to help those who may wish to teach Physical Education.

Prerequisite, Physical Education 11abc.

One hour credit. Recitation S., 10:00.

Offered only in Fall Term.

DEPARTMENT OF PHYSICS

Professor ————

Physics 31abc. General Physics. This course includes a discussion of the general principles of Physics together with laboratory work of such a character as to illustrate the various phases of the subject. The first term is devoted to a study of mechanics and sound, the second to heat and light and the third to magnetism and electricity. Attention is given to practical problems.

Prerequisites, Mathematics 11abc and an elementary knowledge of General Chemistry.

Lectures T., Th., 2:30. Laboratory W., F., 2:30-4:30

Four hours credit each term

Physics 51abc. Advanced Physical Measurements. The work of this course includes measurements in mechanics, sound, heat, light and electricity. Practice in the use of instruments of precision.

Prerequisites, Physics 31abc, Analytical Geometry and Calculus. Hours to be arranged.

Three hours credit each term

Physics 52abc. History of Physics. A course dealing with the historical development of Physics. Lectures and reports on assigned topics.

Prerequisite, Physics 31abc. W., S., 8:00.

Two hours credit each term.

Physics 53abc. Theoretical Physics. A purely theoretical course, devoted to the higher phases of the kinetic theory, thermodynamics, electricity, magnetism and radiation. The spring term will be given to a discussion of physical optics, diffraction and interference.

Prerequisites, Physics 31abc and Calculus.

Three hours credit each term

Physics 54abc. The Teaching of Physics. A course intended for teachers and those preparing to teach science Offered when demanded by a sufficient number of students who have completed at least twenty hours of work in Physics. One hour credit each term

DEPARTMENT OF RELIGIOUS EDUCATION

(Herbert Moninger Foundation of Bible School Pedagogy)

Professor Miller

Religious Education 31a. History of Religious Education. A historical study of the development of educational practice and theory within organized Christianity, including present movements and tendencies in religious education. Special study is made of the Bible School from its genesis to the present time

T., W., F., 9:00. Three hours credit.

Religious Education 31b. Methods of Religious Education. A study of methods of teaching and class management, including class organization and expressional activities. Teacher training receives special attention.

T., W., F., 9:00. Three hours credit.

Religious Education 31c. Materials of Religious Education. Principles underlying the selection and preparation of lesson material will be studied. A critical analysis of graded and other material at present available in religious education. Consideration will be given to the building up of a curriculum and to the correlation of Bible School and Public School programs.

T., W., F., 9:00. Three hours credit.

Religious Education 51a. Theory of Religious Education. This course deals with the fundamental principles of religious education. Especial attention is given to the functions of the family, the church, and the state.

T., W., F., 10:30. Three hours credit.

Religious Education 51b. Organization of Religious Education. Principles of the organization of religious education will be studied. Educational aspects of worship, social service, and graded expressional activities will be considered. The problem of a practical organization for young people will be included in this course.

T., W., F., 10:30. Three hours credit.

Religious Education 51c. Philosophy of Religious Education. Some time is given to a study of the nature and development of religion. Facts of religious educational experience are taken up in an effort to determine their significance as they relate themselves to human life.

T., W., F., 10:30. Three hours credit.

Religious Education 71a. Psychology of Childhood. An advanced course to include an exhaustive study of the facts of mental development throughout childhood with

special reference to the problems of moral and religious education. Prerequisite, Psychology 37ab.

T., W., F., 2:30. Three hours credit.

Religious Education 71b. The Psychology of Adolescence. A continuation of Religious Education 71a, devoted to a comprehensive study of adolescence from the standpoint of moral and religious development. Prerequisite, Psychology 37abc.

T., W., F., 2:30. Three hours credit.

Religious Education 71c. The Psychology of Worship. This course deals with the educational aspects of worship from the genetic viewpoint, and studies the function of worship in a religious educational system. Prerequisite. Psychology 37abc.

T., W., F., 2:30. Three hours credit.

DEPARTMENT OF SOCIAL SCIENCE

Professor Miller

Sociology 51ab. Principles of Sociology. Aims to acquaint the student with the fundamental principles of society and social development. Prerequisite, 80 hours college credit.

T., W., F., 11:30. Three hours credit each term.

Sociology 51c. Rural Sociology. A study of social, economic, and religious conditions in rural communities. The place of the rural church in a country community will receive especial attention. Constructive and remedial forces will be emphasized. Prerequisite, Sociology 51ab.

T., W., F., 11:30. Three hours credit.

Sociology 71a. The Dependent. This course presents a study of causes, with an analysis of remedial forces and preventive agencies. Includes also principles and methods of practical philanthropy. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

Sociology 71b. The Delinquent. This course includes a study of the nature of crime, treatment of the criminal, evaluation of present remedial systems, and a careful analysis of the best corrective agencies. This course includes also a study of the Defective. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

Sociology 71c. The Immigrant. The course opens with a brief study of racial characteristics, followed by a careful study of our national problem of immigration The aim is to weigh and test available information on the subject. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

DEPARTMENT OF MUSIC AND ART

MUSIC

Professor Moos
Mrs. Moos

Students are examined upon enrollment and are assigned to such classes as they are prepared to enter.

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, progressive, up-to-date, have presided over this department, and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well-grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or

with a view to future teaching, only the best is considered worth striving for.

Recognizing the intellectual and spiritual value of a complete course in the art of Music, Bethany College follows the example of other institutions at home and abroad by making the study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward a baccalaureate degree. No more than eighteen hours will be allowed. Claims for such must be accompanied by the director's certifcate specifying the work done.

Students of the Music Department are required to pursue at least one study in some other department of the college.

COURSES OF STUDY.

Full courses of four years are offered in Piano, Voice Organ, and Musical Theory, leading to Diplomas with the degree of Bachelor of Music when the work is completed. For those desiring to fit themselves as teachers of the Piano, a Teachers' Course is offered.

Teachers' Certificates will be given to those completing the first three yars of the collegiate course in Piano, Voice, and Organ together with the first three years of the work in Theory and the Teachers' Training Course. A certificate will be awarded to those who have completed the entire course in their major study and in Theory, have given a creditable public recital, and whose progress in their literary studies satisfies the demands made for entrance into the regular college courses as described elsewhere.

THE TEACHERS' TRAINING COURSE

A course extending over two years, with two weekly recitations, including lectures on teaching methods, ob-

servation and practice teaching, is offered to those wishing to qualify as teachers.

THE COURSE IN THEORY

This course embraces four years.

First Year — Beginning Harmony.

Second Year — Advanced Harmony.

Third Year — History of Music and Musical Analysis.

Fourth Year — Counterpoint and Fugue.

The work of the third year may be taken during the second year.

FEES

Piano and Organ, two lessons a week, with the director	$25.00
Piano and Organ, one lesson a week, with the director	13.00
Piano, two lessons a week, with assistant	20.00
Piano, one lesson a week, with assistant	11.00
Voice, two lessons a week	20.00
Voice, one lesson a week	11.00

All lessons are private and of thirty minutes duration, and the duration of each term is about 12 weeks.

Harmony, Musical Analysis, Musical History, Counterpoint, Fugue and the Teachers' Training Course are taught in classes meeting twice a week. The tuition for each branch is $8.00 per term.

Pianos for practicing purposes may be rented at the college at the rate of $2.00 for the term, one hour each day; two hours each day, $5.00, etc. Organ practice, one hour each day, per term, $10.00.

ART

Miss Steindorf

PUBLIC SCHOOL DRAWING

A course is offered for all who wish to make use of art in the public schools. Work is planned for each grade in the schools for each month.

In the above course the following mediums are used: Water color, charcoal, india ink, pencil, crayon.

DESIGN AND COMPOSITION

This course is designed to develop appreciation of harmony of line, space and color. It brings into play the creative imagination and establishes a basis for critical judgment along all art lines.

Nature motives are used. Problems in color and line, as applied to decoration, are worked out in linen, etc.

This course offers training, in form, and the study of neutral values, and light and shade as related to color.

Opportunity is given for outdoor sketching and study from life.

PRIVATE ART

This course is given for those who wish to pursue their art study along special lines. Work may be taken up in studies from life made in charcoal, pen and ink, pencil and oil. Special course in design and still life in oils, charcoal and water color; also outdoor sketching.

TUITION

STILL LIFE IN COMPOSITION

Tuition—Eight hours per week, per term.....$12.00
Four hours per week..... 6.00

Not more than twelve hours college credit will be allowed for work done in this department. Two hours work will count for one hour of credit.

SUMMER SCHOOL

The Eighteenth Annual Summer School of Bethany College will be held from June 19th to July 29th.

THE PLACE OF THE SUMMER SCHOOL IN THE EDUCATIONAL WORLD

The Summer School is comparatively a recent innova tion in the educational world. Its growth since its inception in the colleges and universities of the country has been quite remarkable. This is so because it meets the needs of the times. This is a strenuous age. Competition everywhere is fiercer than ever before. The fittest survive; hence the importance of grasping every opportunity for advanced positions not only of enlarged remuneration, but also of more efficient and more honorable service. Students pursuing regular college courses may save much time by taking advantage of the Summer School.

THE FACULTY

The Faculty of the Summer School will include several members of the Bethany and other college faculties. The work will be thorough and every effort will be made to equal the highest college requirements.

PURPOSES OF THE SUMMER SCHOOL

1. To offer teachers and those preparing to teach opportunity for larger service in their chosen profession.
2. To offer students of all colleges, and especially Bethany, work that may be credited upon the regular college course.

3. To provide courses of study adapted to the needs of all.

The work is intensive and thorough.

CREDIT

A student in the Summer School may complete ten and one-half term hours of college work or one unit of preparatory work. One hundred and eighty-six hours of college grade are required for any of the baccalaureate degrees. Fifteen units of preparatory work are required for college entrance.

EXPENSES

For $5.00, paid in advance, board, room and tuition are provided to students for the six weeks of Summer School.

Board and rooms are furnished in the college dormitories. This special price supposes that two students occupy each room. If the student prefers to room alone, he may do so by paying $3.00 additional. Students who do not accept this special advance payment proposition will be charged only the fee for tuition which is $20.00. Board in Phillips Hall costs Summer School students $4.75 per week. Room rent, in either the young ladies' or the Norman Phillips Dormitory, costs $5.00 per term, and room in Percy B. Cochran Hall $7.00 per term for each student in a room. Occupants of these rooms in the dormitories will provide their own linen and towels and will care for their rooms. All young ladies in attendance at the Summer Session will be expected to room at Phillips Hall unless given permission by the President to room elsewhere.

SPECIAL BULLETIN

A special bulletin of the Summer School is issued by the college. This may be obtained by addressing the Office of the President.

ROLL OF STUDENTS 1920-1921

Abbott, Merritt, Fresh., E. Cleveland, Ohio.
Allen, Samuel, Soph., Bellevue, Pa.
Alcorn, Mildred, Fresh., Hollidays Cove, W. Va.
Adams, John N., Fresh., Perryopolis, Pa.
Anderson, Margaret, Junior, Wilkinsburg, Pa.
Anderson, Harold E., Soph., Springfield, Ill.
Armstrong, John, Fresh., Parkersburg, W. Va.
Arnold, Lois, Soph., Romney, W. Va.

Bailie, Catherine, Fresh., Mingo Junction, Ohio.
Baker, Elizabeth, Junior, Mannington, W. Va.
Baker, Sara, Fresh., Mannington, W. Va.
Balsinger, Herman L., Fresh., Uniontown, Pa.
Balsinger, Maude Anne, Junior, Uniontown, Pa.
Bambrick, Daisy, Fresh., New Cumberland, W. Va.
Barclay, Virginia H., Fresh., Crewe, Virginia.
Bates, Thelma, Fresh., Parkersburg, W. Va.
Baum, Alitha, Fresh., Wellsville, Ohio.
Bebout, Charline, Soph., Mt. Vernon, Ohio.
Bell, Charles, Fresh., Parkersburg, W. Va.
Bell, Robert Wade, Fresh., West Alexander, Pa.
Bemis, E. L., Senior, West Middleton, Pa.
Bente, Alma, Soph., Wheeling, W. Va.
Bente, Elizabeth J., Soph., Wheeling, W. Va.
Berdiales, Benigno F., Fresh Havana, Cuba.
Berry, Arthur W., Fresh., Pine Bluff, Arkansas.
Bixler, Vinson, Junior, Michell, Indiana
Blackburn, Katherine, Fresh., Warwood, W. Va.
Blair, H. D., Fresh., Perryopolis, Pa.
Blue, Waylon, Soph., Carthage, N. C.
Boone, Brace Blatner, Soph Jacksonville, Fla.
Boyd, Donald L., Senior, Connellsville, Pa.
Bopgher, Russell, Steubenville, Ohio.
Bradt, Thomas W., Special, Aylmer, Ont., Canada.
Bromley, Donald H., Soph., Hickory, Pa.
Bromley, Kenneth M., Fresh., Hickory, Pa.
Buck, Wm. Alvadore, Fresh., Pittsburgh, Pa.
Bucy, Clifford, Junior, Bethany, W. Va.

Bucy, Mrs. Clifford, Junior, Bethany, W. Va.
Bullard, Caroline H., Fresh., Triadelphia, W. Va.
Bunting, Ruth, Fresh., Wellsville, Ohio.
Burig, Mrs. W. Glenn, Fresh., Bethany, W. Va.
Burig, W. Glenn, Postgraduate, Bethany, W. Va.
Burdette, Ethel, Junior, Dennison, Ohio.

Calderwood, Laura, Fresh., Wellsburg, W. Va.
Caldwell, Maud, Fresh., Wellsville, Ohio.
Calhoun, Margaret, Fresh., Bethany, W. Va.
Calvert, Carman, Soph., Clarksburg, W Va.
Campbell, Grace O., Junior, Peoria, Ill.
Cameron, Glenn, Special, Bryan, Ohio.
Cameron, Mrs. Glenn, Special, Bryan, Ohio.
Campbell, Charles A., Soph., Cortland, Ohio.
Campsey, Harry H., Fresh., Claysville, Pa.
Cannon, Sara Mary, Fresh., Mt. Vernon, Ohio.
Carder, Roscoe H., Fresh., Skull Run, W. Va.
Carlisle, Floyd L., Junior, Utica, Ohio.
Carney, Alice Brower, Fresh., Bethany, W. Va.
Carney, Homer Eugene, Postgraduate, Bethany, W. Va
Carpenter, Glenn H., Fresh., Lorain, Ohio.
Carpenter, Josephine C., Music, Bethany, W. Va.
Chambers, Genelda, Fresh., Wheeling, W. Va.
Chapman, Clarence M., Senior, Cameron, W. Va.
Coller, Floyd A., Soph., Bowling Green, Ohio.
Cook, Perry J., Soph., Meadville, Pa.
Cook, Xantha A., Fresh., Frederickstown, Ohio.
Cooper, Marvin, Junior, Cox's Mills, W. Va.
Cox, Dessie, Junior, Cameron, W. Va.
Cox, Russell S., Junior, Follansbee, W. Va.
Crandall, Joseph R., Junior, Springport, Ind.
Crandall, Mrs. J., R., Special, Springport, Ind.
Crawford, Mary, Fresh., Steubenville, Ohio.
Crippen, Clara, Fresh., Mount Holly, N. J.
Crooks, Alberta, Fresh., Beallsville, Ohio.
Cundiff, Wood B., Soph., Columbia, Ky.

Darbyshire, Miriam, Junior, McComb, Ohio.
Darsie, Leigh L., Soph., W. Homestead, Pa.

Day, Helen, Senior, Brink Haven, Ohio.
Day, James W., Soph., Croooksville, Ohio.
DeCamp, Alice, Fresh., Moundsville, W. Va.
Deemer, Helen Thompson, Fresh., New Castle, Delaware.
Dent, Lester, Fresh., Littleton, W. Va.
Dornbush, Frank D., Fresh., Steubenville, Ohio.
Dorsey, J. Katherine, Junior, Pittsburgh, Pa.
Dorsey, Newton, Fresh., Clendennon, W. Va.
Donaldson, Frank, Special, Beverly, Ohio.
Dray, Vera, Fresh., E., Liverpool, Ohio.
Dudley, Lysander, Fresh., Parkersburg, W. Va.
Dunn, Finis, Soph, Braddock, Pa.
Davis, Homer, Soph., Waterford, Ohio.

Earlywine, Ethel, Fresh., Gambier, Ohio.
Echols, Irsel, Fresh., Littleton, W. Va.
Edwards, Eliza, Senior, Broad Ford, Pa.
Egbert, T. R., Postgraduate Bethany, W. Va.
Egbert, Mrs. T. R., Special, Bethany, W. Va.
Ellis, W. R., Junior, Bethany, W. Va.
Elsam, Harold G., Soph., Bethany, W. Va.
Elsam, Ruby G., Junior, Bethany, W. Va.
Esch, Clifford, Steubenville, Ohio.
Evans, Emma, Weirton, W. Va.

Evans, Gomer D., Fresh., Steubenville, Ohio.
Evans, Justine Iris, Fresh., Follansbee, W. Va.
Evans, Winifred, Fresh., Follansbee, W. Va.
Estabrook, Walter S., Soph., Shelby, Ohio.
Elder, Charles V., Senior, Millersburg, Ohio.
Ewart, Clara, Fresh., New Cumberland, W. Va.
Eyrich, Lester J., Fresh., North Bloomfield, Ohio.

Farabee, Florence, Fresh., Washington, Pa.
Farren, Nellie, Fresh., Bethany, W. Va.
Fegan, Margaret, Fresh., Wells burg, W. Va.
Ferguson, Hazel, Fresh., Hollidays Cove, W. Va.
Ferguson, Marie Fresh., Hollidays Cove, W. Va.
Fisher, George, Fresh., Paterson, N. J.
Fitzgerald, Emmett V., Fresh., Parkersburg, W. Va.

Ford, Samuel J., Fresh., Pittsburg, Pa.
Ford, W. Reno, Soph., Pittsburg, Pa.
Fowler, Violette, Special Bethany, W. Va.
Francis, Carl C., Soph., Cadiz, Ohio.
Frank, Ira S., Soph., Ephrate, Pa.
Freed, Ella, Fresh., Moundsville, W. Va.

Gandert, Albert H., Fresh., Shelby, Ohio.
Gardner, Lovie E., Fresh., Griton, N. C.
Garrison, Nelle, Fresh., Cameron, W. Va.
Gedoehn, Olive V., Soph., Buffalo, N. Y.
Gilchrist, Bula, Fresh., Brilliant, Ohio.
Gilchrist, Thelma, Fresh., Brilliant, Ohio.
Gilfillan, Helen, Fresh., Pittsburg, Pa.
Gillette, Rosemary, Fresh., Bridgeport, Ohio.
Goettling, Charles C., Junior, Follansbee, W. Va.
Griffith, Lottie M., Junior, Republic, Pa.
Grosshans, D. P., Fresh., E. Liverpool, Ohio.
Gwinn, Charles M., Senior, Meadow Creek, W. Va.

Hagedorn, Helen L., Junior, Bellaire, Ohio.
Hall, Thelma, Fresh., Athalia, Ohio.
Hanna, Milton A., Senior, Cleveland, Ohio.
Hart, Donovan, Fresh., St. Clairsville, Ohio.
Hart, Herman, Fresh., McMechen, W. Va.
Harris, J. H., Special, New Philadelphia, Ohio.
Hays, Gladys A., Junior, Gambier, Ohio.
Helfer, Fred W., Senior, Wheeling, W. Va.
Helfer, Walter D., Fresh., Wheeling, W. Va.
Heldreth, Agnes, Fresh., Bethany, W. Va.
Helme, Frank G., Soph., Buffalo, N. Y.
Helphrey, Mary E., Senior, Utica, Ohio.
Henry, Isabel, Special, Wellsburg, W. Va.
Hershberger, Don. R., Senior, Wilkes-Barre, Pa.
Hibler, Anna E., Soph., Bethany, W. Va.
Hibler, Marian E., Soph., Bethany, W. Va.
Hibler, Francis, Special, Bethany, W. Va.
Higbee, Edna, Fresh., Shadyside, Ohio.
Hill, Helen, Fresh., Wellsburg, W. Va.
Hodge, Frederick Arthur, Jr., Fresh., Wilmington, Del.

Holloway, Marie, Senior, Columbiana, Ohio.
Holman, Grant, Soph., Livingston, Tenn.
Howell, Everett J., Soph., Cuyahoga Falls, Ohio.
Hunter, Minnie G., Senior, Bethany, W. Va.
Hufford, Olive, Fresh., Eighty-Four, Pa.
Hunter, Adah May, Fresh., Colliers, W. Va.
Hurl, Robert D., Fresh., Follansbee, W. Va.
Hurst, James G., Postgraduate Glendore, California.
Hughes, Oliver W., Senior, New Philadelphia, Ohio.
Hurt, David, Soph., Pounding Mill, Virginia.
Hurt, Kate, Junior, Pounding Mill, Virginia.
Hurt, Mary, Junior, Pounding Mill, Virginia.
Hussey, Helen, Special, Bethany, W. Va.
Hyatt, Alfred H., Junior, Connellsville, Pa.

Jacobs, C. D., Senior, Mingo Junction, Ohio.
Jacobs, Samuel W., Soph., Wellsburg, W. Va.
James, Gayle, Fresh., Deersville, Ohio.
Jaras, Eastaislao A., Fresh., Tayabas, P. I.
Jean, Walter L., Special Dayton, Ohio.
Johnson, Frances, Fresh., Brilliant, Ohio.
Johnson, Wm. McKinley, Junior, E. Springfield, Ohio.
Jones, Frank P., Senior, Uniontown, Pa.
Joseph, Naomi Dott, Fresh., New Lexington, Ohio.

Kagarise, Blanche, Senior, New Enterprise, Pa.
Kagarise, Grace M., Soph., New Enterprise, Pa.
Kelley, Arlan S., Fresh., Parkersburg, W. Va.
Kendle, Ernest F., Soph., Paden City, W. Va.
Kendle, Fardinand, Soph., Paden City, W. Va.
Kidder, George T., Junior, E. Liverpool, Ohio.
Knapp, L. W., Fresh., Bethany, W. Va.

Lacock, Walter B., Senior, Granville, Ohio.
Lancaster, Nelle E., Fresh., Moundsville, W. Va.
Lancaster, Olive, Fresh., Moundsville, W. Va.
Lacy, Theo M., Fresh., Winding Gulf, W. Va.
Langfitt, Eathel, Fresh., West Union, W. Va.
Langfitt, Edith, Fresh., West Union, W. Va.
Lankler, Ralph C., Fresh., Buffalo, N. Y.

Latto, William T., Senior, Uhrichsville, Ohio.
Laue, Mary K, Fresh., Wheeling, W. Va.
Lee, Grace, Soph., Barberton, Ohio.
Leslie, Ruth, Senior, Uniontown, Pa.
Lessner, J. J., Fresh., S. Brownsville, Pa.
Ligon, Anna Carr, Soph., Hickman, Ky.
Ligon, Mary Hardy, Soph., Hickman, Ky.
Lineback, Wm. James, Fresh., Washington, D. C.
Litz, Mattie C, Fresh., Tonawanda, N. Y.
Lidderdale, W. Joe., Fresh., Parkersburg, W. Va.
Leeming, Frank C., Junior, Homestead, Pa.
Linville, J. A., Senior, Claysville, Pa.
Love, Francis J., Fresh., Cadiz, Ohio.
Love, Mary E., Fresh., Cadiz, Ohio.
Lloyd, Sheridan, Junior, Utica, Ohio.
Luce, Ralph W. E., Fresh., Belle Vernon, Pa.
Lukens, Margaret, Fresh., McMechen, W. Va.
Lyerla, Maurice F, Fresh., Columbus, Kansas.
Long, Edna, Fresh., Littleton, W. Va.

Mabie, Helen, Fresh., Weirton, W. Va.
Mallard, Eugene, Special, Pittsburg, Pa.
Manning, Sarah, Fresh., Moundsville, W. Va.
Marling, Maurice L., Fresh., Bellaire, Ohio.
Mackey, Corinne, Junior, Millersburg, Ohio.
Marsh, Alice Mae, Fresh., Warwood, W. Va.
Marsh, Lawton W., Junior, Bowling Green, Ohio.
Mason, Paul L., Fresh., Moundsville, W. Va.
Mason, Wayne E., Soph., Moundsville, W. Va.
Mathews, Wm. J., Fresh., Wellsburg, W. Va.
Meacham, Cameron, Junior, Cincinnati, Ohio.
Metze, Frederic, Soph., Lowell, Ohio.
Miller, Mary Jane, Fresh., Bethany, W. Va.
Miller, Edwin S., Special, Bethany, W. Va.
Miller, Nella M., Soph., Bethany, W. Va.
Marshall, J. R., Junior, South Brownsville, Pa.
Mathias, Chauncey, Fresh., New Philadelphia, Ohio.
Meyer, Estella H., Fresh., Wheeling, W. Va.
Montgomery, W. Kenneth, Soph., Wellsburg, W. Va.
Moser, Nellie A., Soph., Wheeling, W. Va.

Mulkin, Clarence D., Fresh., Lancaster, Ohio.
Mullen, Matis, Soph., Maysville, Ky.
Munger, Dorothy E., Soph., Burgettstown, Pa.
Murray, Stephen E., Fresh., Brooklyn, N. Y.
Murphy, Olive, Junior, Newark, Ohio.
Mullen, John S., Soph., Maysville, Ky.

McCammon, L. Lane, Senior, West Alexander, Pa.
McCarty, Vada, Fresh., Mariana, Pa.
McCollam, Bertha, Soph., Uhrichsville, Ohio.
McCollam, Margaret, Senior, Uhrichsville, Ohio.
McConnell, Cora, Soph., Moundsville, W. Va.
McConnell, Eugene, Special, Moundsville. W. Va.
McConnell, Eloise, Special, Moundsville, W. Va.
McCormick, Denton, Soph., Cameron, W. Va.
McDermott, Irene, Fresh., Pittsburg, Pa.
McDonald, Naomi, Special Bethany, W. Va.
McDonald, R. G., Junior, Peterstown, W. Va.
McGlumphy, Lon., Fresh, Martins Ferry, Ohio.
McKinney, W. H., Soph., Canton, Ohio.
McKinnis, Ruth, Fresh., Bethany, W. Va.

Navarro, Manuel, Junior, Buenos Aires, Argentine, S. A
Negron, Bernardo, Fresh., Bayannon, Porto Rico.
Netting, Lois, Fresh., Bethany, W. Va.
Netting, Ruth, Fresh , Bethany, W. Va.
Neville, Eva M., Senior, Peoria, Ill.
Newman, Delora, Fresh., New Martinsville, W. aV.
Noland, W. G., Fresh., Wellsburg, W. Va.

Oakes, Clarice, Fresh., Worthington, W Va.
Oldaker, Euneta, Fresh., Bethany, W. Va.
Owens, Madaline, Fresh., Brilliant, Ohio.

Palmer, Cora B., Special Pittsburg, Pa.
Palmer, U. G., Senior, Verona, Pa.
Paterson, Robert, Soph., Mingo Junction, Ohio.
Pappas, Typhos, Special, Athens, Greece.
Parker, Elizabeh, Special, Bellaire, Ohio.
Pease, Horatio H. T., Junior, Minerva, Ohio.

Pendleton, A. C., Fresh., Jacksonville, Fla.
Perry, Beatrice, Senior, Bethany, W. Va.
Poling, Wm. B., Fresh., Parkersburg, W. Va.
Porter, Helen, Senior, New Cumberland, W. Va.
Porter, Eugene, Fresh., Bridgeport, Ohio.
Powell, Verses V., Soph., Scenery Hill, Pa.
Powell, Ray, Fresh., Pine Grove, W. Va.

Ralston, Rachael, Fresh., Wellsville, Ohio.
Randolph, H. F., Soph., Dickerson Run, Pa.
Ray, Nancy, Soph., Hickory, Pa.
Redacre, Mrs. S. O., Soph., N. Bloomfield, Ohio.
Reed, Helen, Fresh., Brilliant, Ohio.
Reeves, Joseph A., Senior, Bethany, W. Va.
Reese, Carl, Soph., McComb, Ohio.
Reger, Carl E., Soph., Littleton, W. Va.
Reinhold, E. M., Soph., Oakmont, Pa.
Riblet, Douglas C., Soph., E. Cleveland, Ohio.
Richardson, Mary Louise, Soph., Sistersville, W. Va.
Roark, George W., Fresh Alta Vista, Virginia.
Rogers, Alice M., Soph., Follansbee, W. Va.
Rosenberg, R. H., Soph., Wheeling, W. Va.
Ross, Harold G., Special, Middlebourne, W. Va.
Roberts, Mrs. Margaret, Special, Wellsburg, W. Va.
Roberts, Wilbur, Special, Middlebourne, W. Va.
Rosino, Lynn, Fresh., Sandusky, Ohio.
Robbins, Elizabeth, Fresh., McKeesport, Pa.
Russell, E. D., Soph., Pine Bluff, Ark.
Russell, John L., Fresh., Pine Bluff, Ark.
Russell, Caroline, Fresh., Wellsville, Ohio.
Ryan, Mac, Soph., Bethany, W. Va.
Ryan, Margaret, Soph., Bethany, W. Va.

Sammons, Nelle Delma, Fresh., Shadyside, Ohio.
Schroder, George, Fresh., Wellsburg, W. Va.
Schwinger, E. C., Junior, Bethany, W. Va.
Scott, Beatrice L., Soph., New Castle, Ohio.
Seely, John W., Soph., Waterford, Ohio.
Seltner, Edwin H., Special, Wellsburg, W. Va.
Shafer, Paul D., Soph., New Castle, Pa.

Sheets, Erwin D., Fresh., Pittsburg, Pa.
Shilan, Stephen, Fresh., Uhrichsville, Ohio.
Simmons, Leo W., Soph., Dover, N. C.
Slee, Martha, Fresh., Phillipsburg, Pa.
Smith, H. C., Fresh., Tonawanda, New York.
Smith, S. R., Junior, Stoutsville, Ohio.
Smith, Lillian M., Fresh., Moundsville, W. Va.
Spragg, Mildred V., Soph., Bellaire, Ohio.
Spray, L. Ethel, Senior, Washington Court House, Ohio.
Springer, Audrey, Junior, Crooksville, Ohio.
Sprowl, Mildred, Soph., Uhrichsville, Ohio.
Stansberry, Goldie, Fresh., Little Falls, W. Va.
Stansberry, Myrtle, Fresh., Little Falls, W. Va.
Steindorf, Margaret V., Soph., Wheeling, W. Va.
Steindorf, Jennie L., Junior, Wheeling, W. Va.
Stevenson, L. B., Soph., Bethany, W. Va.
Stewart, Fred K., Junior, Winchester, Ill.
Strobel, G. Elwood, Junior, Cameron, W. Va.
Stone, Esther E., Fresh., New Cumberland, W. Va.
Strickling, Nellie, Fresh., Wellsburg, W. Va.
Sweeney, J. Monroe, Senior, Bethany, W. Va.
Swope, Mary, Special, Springfield, Ohio.
Sullivan, Sidney Rex, Fresh., Utica, Ohio.
Sutton, Paul B., Junior, Crooksville, Ohio.
Skipper, Adele Naomi, Special, Jewett, Ohio.
Smeltzer, Theo Riggs, Agricultural Special, Pittsburg, Pa
Smith, Leslie Kirk, Fresh., Bridgeport, Ohio.
Statler, Ray, Special, Jewett, Ohio.
Steele, Harold, Soph., Jerusalem, Ohio.
Schultz, Lucille, Fresh., Parkersburg, W. Va.

Tarr, Geneva, Fresh., Brilliant, Ohio.
Taylor, Amie Jea, Soph., Bethany, W. Va.
Taylor, Ella, Fresh., Smithfield, Ohio.
Taylor, Gladys, Special, Bethany, W. Va.
Taylor, Henry, Soph., Bethany, W. Va.
Taylor, Vera, Fresh., Warwood, W. Va.
Taylor, J. P., Fresh., Rayland, Ohio.
Tsukada, Toyozo, Fresh., Japan.
Tuck, Robert, Senior, Tonawanda, N. Y.

Thomas, Percy, Senior, Baltimore, Md.
Timmons, Elizabeth, Fresh., Cameron, W. Va.
Tope, Edith, Fresh., New Cumberland, W. Va.
Turnbull, William, Fresh., Paterson, N. J.

Ulrich, Evelyn, Soph., Wheeling, W. Va.
Underwood, Frances E., Soph., Buffalo, N. Y.

VanSise, John W., Senior, Cuyahoga Falls, Ohio.

Wactel, Sue, Junior, Big Prairie, Ohio.
Walker, Dean E., Soph., Bethesda, Ohio.
Walter, H. E., Soph., Oakmont, Pa.
Watson, Campbell, Junior, Norfolk, Virginia.
Watson, Margaret, Junior, Addison, Pa.
Warren, Julia C, Fresh., St. Louis, Mo.
Wayman, Fred, Fresh., Belpre, Ohio.
Wagener, L., Soph., Wheeling, W. Va.
Wentz, Frank S., Fresh., Follansbee, W. Va.
Welling, Edna R., Fresh., McMechen, W. Va.
Wells, Edwin L., Fresh., Ashland, Ohio.
Wells, Frieda J., Special, Bethany, W. Va.
Wells, Noel D., Fresh., Bethany, W. Va.
Whaley, Robert J., Fresh., New Castle, Pa.
Wells, Linley, Soph., Bethany, W. Va.
Wilhelm, Allan R., Fresh., Cameron, W. Va.
Williams, Albert, Junior, Sandusky, Ohio.
Williams, Lena B., Special, Bethany, W. Va.
Winkleman, Clara, Fresh., Pittsburg, Pa.
Wood, Jean, Senior, Littleton, W. Va.
White, Clifford A., Fresh., Stoehdale, Ohio.
White, Mrs. Clifford A., Special, Stoedale, Ohio.
Welsh, Glen, Soph., Wayland, Mich.
Wolford, Ray M., Fresh., Mt. Gilead, Ohio.
Woods, Emily, Soph., Plymouth, Pa.
Woods, Walter F., Soph., Plymouth, Pa.
Woodward, Andrw T., Soph., Ft. Worth, Texas.
Worthy, Arthur E., Postgraduate Santa Ana, Calif.
Wycoff, Nova, Fresh., New umberland, W. Va.

Wood, Ralph, Fresh., Littleton, W. Va.
Wood, Mary, Fresh., Littleton, W. Va.
Young, H. Eevrett, Soph., E. Liverpool, Ohio.
Total, 380.

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